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ONTARIO PROFILE

1992



Alcohol & other drugs

COMPILED BY
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ONTARIO PROFILE

Alcohol & other drugs

1992

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Preface

Over the years the Addiction Research Foundation has had to meet a growing demand for statistical information on the prevalence of substance abuse and its associated problems. While a wide diversity of data is routinely collected in Ontario, it is often not published and certainly not contained in a single data source.

The Statistical Information Service was created to facilitate the compilation and dissemination of this data so that researchers, policy makers, planners and the other interested groups would have access to the most current information available.

This report, **Ontario Profile - Alcohol and Other Drugs, 1992** is an associated publication of the more comprehensive **Canadian Profile - Alcohol and Other Drugs, 1992**. These two publications have evolved originally from the **Statistical Supplement to the Annual Report of the Addiction Research Foundation** in 1978, and later the series entitled **Statistics on Alcohol and Other Drug Use in Canada and Other Countries**.

As the title suggests, this report contains both alcohol and other drug related statistical data for province of Ontario. While no single publication could easily include all available data on substance abuse, the **Ontario Profile** is the most comprehensive and up-to-date compilation of the provincial data for Ontario. Data in this report have been compiled from a variety of sources (available by October 1991) and while they have been verified to eliminate errors any limitations that existed in the original data will be repeated in this volume.

Finally, the last page is a survey regarding this publication and its contents. Readers are encouraged to spend the time to fill this out or to contact the Statistical Information Service directly with any comments or suggestions that can make this a more useful and comprehensive publication.

Acknowledgements

While this compilation has benefitted from the assistance and suggestions of many individuals, special thanks are due to: Margy Chan, Director Information Service Department and Chris Stanley, Manager Public Information Services for their encouragement and patience; members of the advisory committee for their comments and suggestions; Iona Noah, Toronto District Health Council for comments during the early planning stages; Theresa Williams for typing and collating of draft versions; all the individuals in Marketing, Creative Services and Printing who provided their assistance in putting this publication together; and finally, to all the individuals and agencies who have made their data available to us for compiling.

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Key To Symbols

| | |
|--------|-----------------------------------|
| "_" | zero or nil value |
| "." | figures too small to be expressed |
| "n.a." | figures not available |

Percentages may not add up to 100% due to rounding.

Year Definitions:

Calendar Years: Data for the 12 month period January 1 to December 31. Calendar years are denoted in the following manner:

1985 (covers January 1, 1985 to December 31, 1985)
1989 (covers January 1, 1989 to December 31, 1989)

Fiscal Years: In **all** cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year. Fiscal year data are denoted in the following manner:

1986-87 (covers April 1, 1986 to March 31, 1987)
1988-89 (covers April 1, 1988 to March 31, 1989)

Introduction ---

Overview

This report, **Ontario Profile - Alcohol and Other Drugs, 1992** is intended to provide a general overview of recent trends regarding alcohol and other drug use and attendant problems in Ontario. It presents data from a wide variety of sources and subjects areas including:

- survey results;
- alcohol sales data;
- drinking and driving;
- legal statistics;
- hospital separations (both general and psychiatric); and
- mortality.

It is hoped that this publication will aid, in conjunction with other sources of information, in establishing a more complete understanding of the extent of substance abuse in Ontario.

The sourcebook is composed of three parts. Part I contains a number of tables that provide an overview of data available at the provincial level. While the tables in this section provide greater detail in terms of the variables presented there is little or no regional breakdown of the data.

Part II forms the largest proportion of the report and contains data for Ontario at the county level. In general, the latest 5 years of available data have been presented. Following the main county data are a number of tables where the rates for selected variables have been ranked. Part II concludes with a section on sources, definitions and a description of any methods of calculation used in preparing the county data.

The final section, Part III, provides a brief description of the diagnostic categories that have been included; the various legal offences and a note on rate calculation.

The Data

Users of this publication are reminded that no single number or statistic can provide a complete picture of the extent of substance use or problems related to consumption. All of the data sources are subject to limitations. The motivation behind a compilation of this nature is to provide access to a vast abundance of data from different sources, representing alternative measures of consumption and problems.

For example, results from surveys provide information about drinking patterns and demographics. Surveys however, are limited by sample size and our own conscious or

Introduction (Continued)

unconscious underestimation of alcohol usage. Estimates concerning alcohol consumption derived from sales data are subject to the constraints imposed by the conversion factors that have been employed in their calculation and provide no information regarding drinker characteristics or drinking behaviour.

Beyond actual characteristics of drinkers, information is required concerning other patterns of behaviour or problems. Morbidity, mortality, and legal data provide measures of consequences and social or health complications resulting from the use of alcohol or drugs and are no less subject to limitations.

Consider hospital morbidity data. This includes information regarding patients that were admitted to hospitals and treated primarily for specific alcohol or drug disorders. Not included are patients with other specific problems that may have been related to substance abuse. Nor is there an indicator of how many emergency room or doctor visits may be linked to problems resulting from substance abuse.

Similarly, legal data is subject to changes in police detection, enforcement patterns and methods. Hence, changes may not represent a change in prevalence of usage but a change in importance society has placed on that particular problem. In this case data for a number of years may be needed to provide a general indication of trends, free from year to year variations. In addition, only the most serious offence is actually counted, thus the occurrence of lesser offences may be under represented.

A further complication involves rates that are calculated for counties that have a small population base. The occurrence of a relatively rare event in a county with a low population can cause dramatic changes in calculated rates.

Example: Total alcohol-related mortality in Haliburton county. Notice that difference between 1 death and 2 deaths not only doubles the rate in Haliburton, but also represents the difference between Haliburton being well above or below the provincial rate, which is relatively stable over the same time period.

| Year | Total Population | Total Alcohol-Related Deaths | Rate Per 100,000 Population | |
|------|------------------|------------------------------|-----------------------------|----------|
| | | | Haliburton | Province |
| 1984 | 11,800 | 2 | 16.9 | 11.4 |
| 1985 | 11,800 | 1 | 8.5 | 11.3 |
| 1986 | 12,000 | 1 | 8.3 | 11.6 |
| 1987 | 12,200 | 1 | 8.2 | 11.2 |
| 1988 | 12,800 | 2 | 15.6 | 11.1 |

Introduction (Concluded)

While the data is less-than-perfect, it is nevertheless commonly used to indicate directly or indirectly present conditions with regard to substance abuse. The epidemiologist

..has to get what he can get from such sources as official statistics, which are usually prepared with an object different from his own. Such information is therefore rarely all that one could wish.. But however incomplete the data may be, and however tangentially pertinent to his enquiry, the investigator must take what he can get and be thankful. (M.G. Kendall)¹

Unfortunately, a report of this nature can only provide a small window on the material covered in the original documents. Users are reminded that while not all of the material reproduced in this report is from published sources, those that are published contain additional data and information that may also be useful.

¹ G.U. Yule and M.G. Kendall, An Introduction to the Theory of Statistics, 14th ed. (New York: Hafner Publishing Co., 1956) p. xix.

Part I _____

PROVINCIAL DATA

Provincial Data Overview

Part I of this report presents a number of supplementary tables with primarily provincial data for Ontario. Most of the information in this section is not available at the county level or was not included with a county breakdown because of space limitations. The tables are organized in the following manner:

| Tables | Subject Areas |
|-------------------|--|
| I-1 through I-7 | Results of student surveys conducted in Ontario |
| I-8 through I-10 | Results from a "street youth" survey conducted in Toronto |
| I-11 through I-15 | Results of adult surveys (aged 18 and over) conducted in Ontario |
| I-16 through I-23 | Drinking and driving |
| I-24 through I-28 | Liquor act and drug-related legal statistics |
| I-29 through I-34 | Morbidity data |
| I-35 through I-38 | Mortality data |

A large proportion of the data in this section is comparable to the county data presented in Part II. As a result, readers are encouraged to examine the source and explanatory notes that accompany the county data. The technical notes contained in Part III are also applicable to the data in this section.

Readers should also be aware that there are some discrepancies (primarily involving legal statistics) between provincial totals that appear in this section and corresponding provincial totals to the county level information. In general these discrepancies are small.

Data Notes

Data in Tables I-1 through I-15 is derived from surveys conducted by researchers at Addiction Research Foundation. Surveys are valuable in that they provide not only information about substance use but also demographic characteristics of users. However, surveys can only provide an estimate of the "true" level of substance use within a population and are subject to limitations. Small sub-groups within society, that may be subject to higher levels of substance use (school drop-outs, "street youth", the homeless), are not included. Similarly, whether consciously or unconsciously respondents to surveys tend to underestimate their level of substance use. But by performing multiple surveys over time the resulting trends, although biased in this manner, are a valid indicator of changes in substance use.

Tables I-8 through I-10 are based on a survey involving "street youth" under the age of 24 from the downtown core of Toronto. This survey was a preliminary attempt to obtain information about a sub-group within our society that would not normally be captured in the usual adult or student surveys. While the authors are confident about the integrity of the responses, they also point out that the sample was small (145 persons) derived from a population the size of which is unknown (estimates range from 1,500 to 10,000 individuals).

Provincial Data Overview (Concluded) ---

In addition to being under the age of 24, the following criteria were used in defining "street youth" for inclusion in the survey:

1. participants must have used at least one social service facility directed toward street youth in their lifetime;
2. they must have left school before completing grade 12;
3. they must have lived away from their family (or guardian) at least two days during the past year;
4. they must have run away or been thrown out of their home at least once; and
5. they must have been homeless (i.e., without a place to stay) at least one

"Youths were interviewed if they responded affirmatively to criteria one, or if they responded affirmatively to three or more items from criteria two through five."¹

¹ Smart, R.G., Adlaf, E.M., Porterfield, K.M. & Canale, M.D., Drugs, Youth & the Street (Toronto: Addiction Research Foundation 1990).

TABLE I-1

**PERCENTAGE OF STUDENTS REPORTING ALCOHOL USE¹
BY SELECTED CHARACTERISTICS OF THE POPULATION,
ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991**

| Characteristics | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
|-----------------|-------|-------|-------|-------|-------|-------|
| All | 75.3% | 71.7% | 69.8% | 68.1% | 66.2% | 58.7% |
| Sex: | | | | | | |
| Male | 74.7 | 72.6 | 71.3 | 69.1 | 68.1 | 58.1 |
| Female | 76.1 | 70.8 | 68.3 | 67.2 | 64.5 | 59.4 |
| Age: | | | | | | |
| 13 and under | 47.6 | 52.7 | 42.6 | 43.1 | 42.0 | 29.6 |
| 14 – 15 | 74.6 | 71.1 | 67.0 | 63.8 | 64.6 | 54.6 |
| 16 – 17 | 85.0 | 88.5 | 87.1 | 84.7 | 81.6 | 75.0 |
| 18 and over | 89.8 | 89.9 | 87.9 | 88.3 | 87.5 | 82.1 |
| Grade: | | | | | | |
| Seven | 47.3 | 53.1 | 43.3 | 43.5 | 42.4 | 30.1 |
| Nine | 75.4 | 71.5 | 67.9 | 64.7 | 64.7 | 55.7 |
| Eleven | 83.9 | 89.0 | 87.2 | 84.8 | 81.9 | 75.0 |
| Thirteen | 91.7 | 90.6 | 88.9 | 88.8 | 88.4 | 84.1 |
| Region: | | | | | | |
| Metro | 70.7 | 72.2 | 69.5 | 66.8 | 60.7 | 55.2 |
| West | 80.6 | 71.6 | 70.8 | 66.3 | 66.1 | 59.2 |
| East | 73.0 | 71.0 | 67.6 | 71.6 | 66.9 | 59.6 |
| North | 74.4 | 73.2 | 71.8 | 68.3 | 75.4 | 61.7 |

¹ Alcohol use was defined as consuming alcohol at least once in the previous year, including at special events such as Christmas or weddings; however, having only a sip of alcohol to see what it was like was considered non-use.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE 1-2

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Cannabis | 29.9% | 23.7% | 21.2% | 15.9% | 14.1% | 11.7% |
| Glue | 2.3 | 3.2 | 2.0 | 2.4 | 1.9 | 1.1 |
| Other Solvents | 3.2 | 4.1 | 2.7 | 3.7 | 3.1 | 1.6 |
| Barbiturates ¹ | 12.5 | 11.0 | 9.0 | 7.8 | 7.8 | 4.4 |
| Barbiturates ² | 8.1 | 6.0 | 4.4 | 3.3 | 2.2 | 2.2 |
| Heroin | 1.5 | 1.6 | 1.5 | 1.4 | 1.2 | 1.0 |
| Speed | 3.0 | 3.9 | 3.1 | 3.1 | 2.5 | 1.8 |
| Stimulants ¹ | 6.1 | 5.2 | 4.3 | 4.3 | 3.3 | 2.6 |
| Stimulants ² | 12.1 | 15.4 | 11.8 | 7.9 | 6.5 | 4.0 |
| Tranquillizers ¹ | 7.5 | 6.5 | 4.7 | 4.9 | 3.1 | 2.9 |
| Tranquillizers ² | 4.9 | 5.0 | 3.3 | 3.0 | 2.4 | 1.6 |
| LSD | 10.2 | 8.6 | 7.4 | 5.9 | 5.9 | 5.2 |
| Other Hallucinogens | 4.7 | 6.0 | 4.8 | 4.5 | 4.3 | 3.3 |
| Cocaine | 4.8 | 4.1 | 4.5 | 3.8 | 2.7 | 1.6 |
| PCP | 2.5 | 2.0 | 1.7 | 1.3 | 1.1 | 0.5 |

¹ Prescription

² Non-prescription

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Addiction Research Foundation, 1991).

TABLE I-3

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY SEX, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Male | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 33.2% | 28.0% | 24.4% | 18.7% | 14.7% | 13.2% |
| Glue | 2.3 | 3.8 | 2.3 | 3.3 | 2.4 | 1.1 |
| Other Solvents | 3.4 | 4.6 | 2.7 | 4.2 | 3.4 | 1.3 |
| Barbiturates ¹ | 14.5 | 11.4 | 9.1 | 8.9 | 8.1 | 3.9 |
| Barbiturates ² | 8.3 | 7.9 | 4.6 | 4.0 | 2.5 | 1.9 |
| Heroin | 2.0 | 2.0 | 1.9 | 1.8 | 1.4 | 1.2 |
| Speed | 3.1 | 5.2 | 3.2 | 3.9 | 2.9 | 2.2 |
| Stimulants ¹ | 6.9 | 5.7 | 4.7 | 4.5 | 3.7 | 2.6 |
| Stimulants ² | 12.0 | 15.9 | 11.3 | 7.3 | 5.6 | 3.4 |
| Tranquillizers ¹ | 7.5 | 5.8 | 4.4 | 4.4 | 2.7 | 3.3 |
| Tranquillizers ² | 5.6 | 5.4 | 2.8 | 3.3 | 2.1 | 1.4 |
| LSD | 11.4 | 10.8 | 8.7 | 7.8 | 6.8 | 5.9 |
| Other Hallucinogens | 5.5 | 8.1 | 5.8 | 6.1 | 4.6 | 4.2 |
| Cocaine | 5.7 | 5.6 | 5.2 | 5.1 | 3.5 | 2.0 |
| PCP | 3.0 | 2.4 | 2.1 | 2.0 | 1.5 | 0.9 |

| Type of Drug | Female | | | | | |
|-----------------------------|--------|-------|-------|-------|-------|------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 26.3% | 19.4% | 17.9% | 13.2% | 13.5% | 9.9% |
| Glue | 2.2 | 2.7 | 1.7 | 1.5 | 1.4 | 1.1 |
| Other Solvents | 2.9 | 3.6 | 2.7 | 3.3 | 2.8 | 2.0 |
| Barbiturates ¹ | 10.4 | 10.5 | 8.9 | 6.8 | 7.1 | 4.9 |
| Barbiturates ² | 7.9 | 4.9 | 4.1 | 2.6 | 2.0 | 2.4 |
| Heroin | 0.8 | 1.3 | 1.0 | 1.0 | 0.9 | 0.9 |
| Speed | 3.0 | 2.6 | 2.9 | 2.4 | 2.0 | 1.5 |
| Stimulants ¹ | 5.3 | 4.8 | 3.9 | 4.1 | 2.8 | 2.5 |
| Stimulants ² | 12.0 | 14.8 | 12.3 | 8.5 | 7.3 | 4.7 |
| Tranquillizers ¹ | 7.6 | 7.0 | 4.9 | 5.5 | 3.5 | 2.6 |
| Tranquillizers ² | 4.2 | 4.6 | 3.8 | 2.6 | 2.6 | 1.8 |
| LSD | 8.9 | 6.4 | 6.0 | 4.0 | 4.9 | 4.5 |
| Other Hallucinogens | 3.7 | 3.8 | 3.6 | 3.1 | 3.9 | 2.3 |
| Cocaine | 3.7 | 2.7 | 3.6 | 2.4 | 1.9 | 1.2 |
| PCP | 1.9 | 1.7 | 1.1 | 0.6 | 0.7 | 0.1 |

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11, and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-4

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY AGE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Aged 13 and Under | | | | | |
|-----------------------------|-------------------|------|------|------|------|------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 5.7% | 3.9% | 4.2% | 3.3% | 0.7% | 0.7% |
| Glue | 3.4 | 4.7 | 3.1 | 3.9 | 2.2 | 1.2 |
| Other Solvents | 5.0 | 6.6 | 4.3 | 6.9 | 4.7 | 2.2 |
| Barbiturates ¹ | 6.4 | 7.7 | 4.4 | 6.0 | 5.7 | 3.1 |
| Barbiturates ² | 1.1 | 1.3 | 0.9 | 0.8 | 0.6 | 0.7 |
| Heroin | 0.6 | 1.3 | 1.2 | 1.5 | 0.9 | 1.1 |
| Speed | 1.0 | 0.9 | 1.3 | 1.4 | 0.9 | 0.6 |
| Stimulants ¹ | 4.2 | 4.2 | 2.3 | 3.2 | 2.6 | 1.6 |
| Stimulants ² | 3.2 | 2.7 | 2.9 | 2.1 | 1.3 | 1.1 |
| Tranquillizers ¹ | 3.4 | 4.0 | 2.7 | 3.3 | 1.9 | 1.7 |
| Tranquillizers ² | 1.4 | 1.9 | 1.5 | 1.0 | 0.7 | 0.4 |
| LSD | 1.8 | 1.4 | 1.7 | 2.5 | 1.5 | 0.9 |
| Other Hallucinogens | 0.7 | 0.7 | 0.9 | 1.2 | 1.0 | 0.2 |
| Cocaine | 2.5 | 2.7 | 2.5 | 2.1 | 1.0 | 0.9 |
| PCP | 1.1 | 1.2 | 1.2 | 1.1 | 0.7 | 0.2 |

| Type of Drug | Aged 14 and 15 | | | | | |
|-----------------------------|----------------|-------|-------|-------|-------|------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 25.3% | 24.3% | 16.4% | 11.9% | 12.1% | 6.4% |
| Glue | 3.1 | 4.0 | 2.4 | 3.0 | 1.8 | 1.3 |
| Other Solvents | 4.8 | 4.2 | 3.6 | 3.3 | 2.9 | 2.4 |
| Barbiturates ¹ | 12.6 | 10.7 | 8.8 | 5.9 | 7.6 | 4.6 |
| Barbiturates ² | 8.5 | 6.2 | 3.8 | 3.0 | 2.6 | 1.8 |
| Heroin | 2.0 | 2.1 | 2.0 | 1.2 | 1.0 | 1.2 |
| Speed | 3.2 | 6.6 | 3.0 | 2.7 | 2.8 | 1.4 |
| Stimulants ¹ | 6.9 | 5.8 | 4.9 | 4.1 | 3.6 | 3.5 |
| Stimulants ² | 11.9 | 15.2 | 9.6 | 6.4 | 7.6 | 2.2 |
| Tranquillizers ¹ | 7.6 | 6.2 | 3.9 | 4.4 | 2.2 | 2.6 |
| Tranquillizers ² | 6.1 | 6.2 | 3.5 | 3.0 | 2.1 | 1.6 |
| LSD | 9.7 | 9.2 | 5.0 | 4.3 | 5.5 | 2.1 |
| Other Hallucinogens | 4.4 | 5.4 | 3.3 | 2.5 | 3.3 | 1.1 |
| Cocaine | 5.4 | 3.9 | 3.2 | 2.9 | 1.5 | 1.0 |
| PCP | 2.5 | 2.6 | 1.2 | 1.5 | 1.6 | 0.8 |

TABLE I-4 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY AGE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Aged 16 and 17 | | | | | |
|-----------------------------|----------------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 45.5% | 40.8% | 34.9% | 23.7% | 28.0% | 19.2% |
| Glue | 1.6 | 1.6 | 1.5 | 1.5 | 2.1 | 0.9 |
| Other Solvents | 1.5 | 2.1 | 1.5 | 2.7 | 2.8 | 0.9 |
| Barbiturates ¹ | 14.2 | 14.2 | 13.2 | 10.1 | 9.6 | 5.4 |
| Barbiturates ² | 13.2 | 11.3 | 7.3 | 5.6 | 3.4 | 3.6 |
| Heroin | 1.7 | 2.1 | 1.8 | 1.5 | 1.7 | 1.0 |
| Speed | 4.3 | 4.7 | 5.0 | 5.3 | 3.9 | 3.2 |
| Stimulants ¹ | 6.7 | 6.2 | 5.6 | 5.6 | 4.1 | 2.8 |
| Stimulants ² | 18.6 | 27.6 | 18.8 | 13.0 | 8.7 | 6.9 |
| Tranquillizers ¹ | 9.6 | 9.2 | 6.5 | 6.3 | 4.4 | 3.9 |
| Tranquillizers ² | 6.7 | 6.7 | 5.1 | 4.5 | 3.8 | 2.2 |
| LSD | 16.3 | 15.7 | 12.9 | 9.5 | 9.1 | 9.1 |
| Other Hallucinogens | 7.2 | 11.5 | 8.1 | 7.7 | 7.1 | 6.1 |
| Cocaine | 5.6 | 5.4 | 6.0 | 4.7 | 4.6 | 2.3 |
| PCP | 3.6 | 2.7 | 2.9 | 1.4 | 1.3 | 0.6 |

| Type of Drug | Aged 18 and Over | | | | | |
|-----------------------------|------------------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 37.1% | 40.4% | 33.1% | 31.9% | 27.7% | 24.1% |
| Glue | 0.1 | 0.8 | 0.4 | 0.1 | 1.3 | 0.9 |
| Other Solvents | 0.4 | 1.2 | 0.5 | 0.4 | 1.2 | 0.9 |
| Barbiturates ¹ | 13.3 | 13.6 | 9.5 | 10.4 | 8.6 | 4.3 |
| Barbiturates ² | 3.9 | 7.7 | 5.8 | 3.4 | 2.3 | 2.3 |
| Heroin | 0.4 | 0.7 | 0.4 | 0.9 | 1.0 | 0.8 |
| Speed | 2.4 | 3.6 | 2.6 | 2.5 | 2.0 | 2.0 |
| Stimulants ¹ | 4.9 | 4.6 | 4.3 | 4.1 | 2.3 | 2.2 |
| Stimulants ² | 8.3 | 25.6 | 17.6 | 10.7 | 9.8 | 6.4 |
| Tranquillizers ¹ | 7.6 | 8.0 | 5.8 | 6.2 | 6.1 | 3.7 |
| Tranquillizers ² | 2.2 | 6.8 | 2.8 | 3.3 | 3.7 | 2.1 |
| LSD | 8.5 | 12.0 | 11.1 | 7.6 | 9.1 | 9.8 |
| Other Hallucinogens | 4.5 | 10.4 | 7.9 | 8.4 | 7.7 | 6.5 |
| Cocaine | 3.6 | 5.9 | 7.3 | 6.9 | 5.3 | 2.6 |
| PCP | 1.6 | 2.1 | 1.2 | 0.9 | 0.4 | 0.5 |

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Addiction Research Foundation, 1991).

TABLE I-5

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY GRADE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Grade 7 | | | | | |
|-----------------------------|---------|------|------|------|------|------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 5.7% | 5.2% | 4.7% | 3.8% | 0.9% | 0.7% |
| Glue | 3.7 | 4.7 | 3.1 | 3.9 | 2.2 | 1.1 |
| Other Solvents | 5.5 | 7.0 | 4.4 | 7.0 | 4.5 | 2.1 |
| Barbiturates ¹ | 6.6 | 7.6 | 4.5 | 5.9 | 5.5 | 3.1 |
| Barbiturates ² | 1.1 | 1.5 | 1.1 | 0.9 | 0.7 | 0.7 |
| Heroin | 0.7 | 1.5 | 1.5 | 1.7 | 0.9 | 0.8 |
| Speed | 1.0 | 1.0 | 1.4 | 1.5 | 1.0 | 0.4 |
| Stimulants ¹ | 3.7 | 4.4 | 2.4 | 3.2 | 2.6 | 1.5 |
| Stimulants ² | 3.1 | 3.4 | 3.0 | 2.3 | 1.4 | 0.9 |
| Tranquillizers ¹ | 3.3 | 4.2 | 3.0 | 3.3 | 1.8 | 1.7 |
| Tranquillizers ² | 1.4 | 2.0 | 1.7 | 1.1 | 0.6 | 0.3 |
| LSD | 2.0 | 2.0 | 2.0 | 2.7 | 1.6 | 0.9 |
| Other Hallucinogens | 0.9 | 0.9 | 1.1 | 1.2 | 0.9 | 0.3 |
| Cocaine | 2.7 | 2.8 | 2.9 | 2.4 | 1.1 | 0.8 |
| PCP | 1.2 | 1.0 | 1.4 | 1.2 | 0.7 | 0.2 |

| Type of Drug | Grade 9 | | | | | |
|-----------------------------|---------|-------|-------|-------|-------|------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 27.1% | 25.1% | 18.3% | 12.1% | 12.9% | 8.1% |
| Glue | 3.0 | 4.0 | 2.5 | 3.1 | 2.3 | 1.3 |
| Other Solvents | 4.7 | 3.7 | 3.3 | 3.1 | 3.6 | 1.9 |
| Barbiturates ¹ | 13.8 | 11.3 | 8.9 | 6.3 | 7.7 | 4.6 |
| Barbiturates ² | 9.7 | 6.4 | 4.4 | 3.2 | 2.8 | 2.4 |
| Heroin | 2.2 | 2.4 | 2.1 | 1.3 | 1.1 | 1.2 |
| Speed | 3.8 | 6.8 | 3.4 | 3.0 | 2.9 | 1.9 |
| Stimulants ¹ | 7.2 | 5.5 | 4.9 | 4.2 | 3.7 | 3.4 |
| Stimulants ² | 13.1 | 15.5 | 10.7 | 6.9 | 7.6 | 2.5 |
| Tranquillizers ¹ | 8.1 | 6.5 | 3.7 | 4.7 | 2.3 | 2.8 |
| Tranquillizers ² | 6.3 | 6.9 | 3.8 | 3.2 | 2.4 | 2.1 |
| LSD | 10.7 | 9.5 | 5.9 | 4.6 | 6.2 | 3.6 |
| Other Hallucinogens | 4.8 | 6.4 | 4.1 | 3.0 | 3.6 | 1.9 |
| Cocaine | 5.9 | 4.6 | 4.3 | 3.2 | 2.1 | 1.5 |
| PCP | 2.8 | 3.0 | 1.4 | 1.3 | 1.7 | 1.0 |

TABLE I-5 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE, AT LEAST ONCE DURING THE PRIOR YEAR BY GRADE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Grade 11 | | | | | |
|-----------------------------|----------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 44.2% | 42.1% | 35.1% | 24.3% | 22.5% | 20.2% |
| Glue | 1.3 | 1.6 | 1.1 | 1.3 | 1.7 | 1.1 |
| Other Solvents | 1.4 | 2.1 | 1.4 | 2.6 | 2.2 | 1.4 |
| Barbiturates ¹ | 14.8 | 14.9 | 13.4 | 10.4 | 10.1 | 5.8 |
| Barbiturates ² | 12.4 | 12.0 | 7.3 | 5.4 | 2.9 | 3.5 |
| Heroin | 1.5 | 1.6 | 1.3 | 1.6 | 1.8 | 1.3 |
| Speed | 3.7 | 5.4 | 5.0 | 5.2 | 3.7 | 3.2 |
| Stimulants ¹ | 7.4 | 6.5 | 6.0 | 5.6 | 3.9 | 2.9 |
| Stimulants ² | 18.4 | 29.0 | 18.9 | 12.9 | 8.4 | 7.6 |
| Tranquillizers ¹ | 9.9 | 9.3 | 6.8 | 6.1 | 4.6 | 3.7 |
| Tranquillizers ² | 6.4 | 6.7 | 4.5 | 4.3 | 3.9 | 2.3 |
| LSD | 16.0 | 16.5 | 13.5 | 9.8 | 8.5 | 9.9 |
| Other Hallucinogens | 7.3 | 11.5 | 8.4 | 7.6 | 7.3 | 6.5 |
| Cocaine | 5.5 | 5.0 | 5.1 | 4.6 | 4.6 | 2.8 |
| PCP | 3.4 | 2.6 | 2.4 | 1.6 | 1.1 | 0.6 |

| Type of Drug | Grade 13 | | | | | |
|-----------------------------|----------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 37.4% | 36.5% | 30.8% | 30.5% | 28.0% | 21.5% |
| Glue | 0.2 | 0.4 | 0.4 | 0.3 | 1.0 | 0.4 |
| Other Solvents | — | 0.9 | 0.7 | 0.4 | 1.1 | 0.6 |
| Barbiturates ¹ | 11.5 | 11.9 | 9.4 | 9.3 | 8.0 | 3.5 |
| Barbiturates ² | 3.1 | 6.4 | 4.8 | 3.3 | 2.8 | 1.8 |
| Heroin | — | 0.3 | 0.4 | 0.2 | 0.7 | 0.6 |
| Speed | 1.8 | 2.0 | 2.0 | 2.2 | 2.2 | 1.5 |
| Stimulants ¹ | 3.5 | 4.5 | 3.4 | 3.9 | 2.4 | 2.3 |
| Stimulants ² | 7.1 | 23.0 | 16.8 | 10.3 | 10.7 | 5.5 |
| Tranquillizers ¹ | 6.2 | 7.3 | 5.7 | 6.2 | 5.0 | 4.0 |
| Tranquillizers ² | 2.1 | 5.4 | 3.1 | 3.1 | 3.2 | 1.4 |
| LSD | 6.5 | 9.3 | 8.7 | 6.4 | 8.7 | 6.8 |
| Other Hallucinogens | 3.4 | 8.4 | 6.3 | 8.2 | 7.2 | 4.9 |
| Cocaine | 2.9 | 5.0 | 6.7 | 5.9 | 4.2 | 1.2 |
| PCP | 1.0 | 1.1 | 1.3 | 0.5 | 0.6 | 0.3 |

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, *The Ontario Student Drug Use Survey: Trends Between 1977 and 1991* (Toronto: Addiction Research Foundation, 1991).

TABLE I-6

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY REGION, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | Metro | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 19.1% | 20.6% | 20.7% | 13.1% | 12.5% | 10.1% |
| Glue | 1.6 | 2.2 | 2.1 | 1.8 | 1.7 | 0.7 |
| Other Solvents | 2.0 | 3.2 | 1.5 | 3.9 | 2.3 | 1.1 |
| Barbiturates ¹ | 10.1 | 8.5 | 7.0 | 6.4 | 6.9 | 4.0 |
| Barbiturates ² | 4.9 | 4.2 | 4.2 | 2.8 | 1.8 | 1.5 |
| Heroin | 0.9 | 1.1 | 2.4 | 2.1 | 0.9 | 1.9 |
| Speed | 1.5 | 1.5 | 3.7 | 2.6 | 2.5 | 1.3 |
| Stimulants ¹ | 4.3 | 4.5 | 4.2 | 2.5 | 2.7 | 1.5 |
| Stimulants ² | 5.2 | 14.1 | 11.9 | 5.7 | 6.4 | 3.3 |
| Tranquillizers ¹ | 5.9 | 5.2 | 4.1 | 4.3 | 1.4 | 2.4 |
| Tranquillizers ² | 3.5 | 4.0 | 3.9 | 2.1 | 1.6 | 1.3 |
| LSD | 5.8 | 7.6 | 6.5 | 2.9 | 4.5 | 3.9 |
| Other Hallucinogens | 3.1 | 5.2 | 5.9 | 2.6 | 3.8 | 2.9 |
| Cocaine | 4.1 | 3.2 | 5.8 | 3.8 | 3.4 | 2.4 |
| PCP | 1.0 | 1.7 | 2.2 | 0.9 | 0.6 | 0.9 |

| Type of Drug | West | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 39.5% | 25.6% | 22.6% | 15.3% | 13.8% | 12.2% |
| Glue | 2.6 | 4.2 | 2.2 | 2.8 | 2.2 | 1.3 |
| Other Solvents | 3.4 | 4.8 | 2.9 | 3.9 | 3.3 | 1.9 |
| Barbiturates ¹ | 14.7 | 10.7 | 9.9 | 7.3 | 7.6 | 4.6 |
| Barbiturates ² | 13.0 | 6.3 | 4.5 | 3.1 | 2.5 | 2.1 |
| Heroin | 2.5 | 1.8 | 1.4 | 1.2 | 1.5 | 1.0 |
| Speed | 5.0 | 5.5 | 3.2 | 2.8 | 3.2 | 2.5 |
| Stimulants ¹ | 8.4 | 5.6 | 4.8 | 5.2 | 3.3 | 2.9 |
| Stimulants ² | 18.8 | 17.1 | 13.6 | 7.9 | 6.4 | 4.5 |
| Tranquillizers ¹ | 9.2 | 6.5 | 4.8 | 5.1 | 3.4 | 3.0 |
| Tranquillizers ² | 6.0 | 5.3 | 2.6 | 2.8 | 2.4 | 1.6 |
| LSD | 14.3 | 9.4 | 9.6 | 6.4 | 6.4 | 5.8 |
| Other Hallucinogens | 6.4 | 7.5 | 4.4 | 4.1 | 4.6 | 3.3 |
| Cocaine | 6.2 | 4.9 | 4.3 | 3.0 | 2.6 | 1.3 |
| PCP | 3.4 | 2.0 | 1.8 | 1.6 | 1.1 | 0.3 |

TABLE I-6 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY REGION, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

| Type of Drug | East | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 28.9% | 23.0% | 18.0% | 18.0% | 13.4% | 11.7% |
| Glue | 2.1 | 2.7 | 1.7 | 2.1 | 1.5 | 0.9 |
| Other Solvents | 4.0 | 3.3 | 3.2 | 2.7 | 3.4 | 1.6 |
| Barbiturates ¹ | 10.8 | 12.8 | 8.5 | 8.2 | 8.4 | 3.6 |
| Barbiturates ² | 5.8 | 6.5 | 3.9 | 3.2 | 1.9 | 2.2 |
| Heroin | 1.0 | 1.8 | 0.8 | 1.1 | 0.8 | 0.5 |
| Speed | 2.0 | 3.2 | 2.3 | 3.9 | 1.6 | 1.0 |
| Stimulants ¹ | 4.8 | 5.4 | 3.1 | 4.3 | 3.2 | 2.5 |
| Stimulants ² | 11.2 | 13.8 | 8.1 | 8.5 | 6.3 | 3.7 |
| Tranquillizers ¹ | 6.5 | 7.2 | 4.8 | 4.8 | 3.3 | 3.0 |
| Tranquillizers ² | 4.8 | 5.6 | 3.0 | 3.9 | 2.7 | 1.6 |
| LSD | 8.9 | 7.8 | 4.2 | 6.2 | 5.0 | 4.3 |
| Other Hallucinogens | 4.2 | 4.5 | 4.3 | 6.7 | 4.2 | 3.7 |
| Cocaine | 4.1 | 3.6 | 3.7 | 5.1 | 2.8 | 1.8 |
| PCP | 2.6 | 2.4 | 1.0 | 0.8 | 1.5 | 0.3 |

| Type of Drug | North | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
| Cannabis | 25.5% | 24.7% | 25.0% | 18.6% | 20.5% | 12.7% |
| Glue | 3.4 | 3.3 | 1.6 | 3.1 | 2.6 | 1.2 |
| Other Solvents | 3.7 | 5.9 | 3.1 | 5.4 | 3.5 | 1.7 |
| Barbiturates ¹ | 15.5 | 12.3 | 11.3 | 12.2 | 8.4 | 6.9 |
| Barbiturates ² | 4.8 | 7.7 | 5.2 | 5.1 | 2.8 | 4.1 |
| Heroin | 0.5 | 1.7 | 1.6 | 1.3 | 1.5 | 1.0 |
| Speed | 2.5 | 4.7 | 3.0 | 3.7 | 1.7 | 2.3 |
| Stimulants ¹ | 6.6 | 4.7 | 5.6 | 5.2 | 4.6 | 3.9 |
| Stimulants ² | 7.7 | 16.0 | 14.1 | 11.1 | 7.8 | 4.1 |
| Tranquillizers ¹ | 8.5 | 7.0 | 5.1 | 6.1 | 4.4 | 3.9 |
| Tranquillizers ² | 5.0 | 4.0 | 5.2 | 3.3 | 2.9 | 2.5 |
| LSD | 9.6 | 9.7 | 8.8 | 9.5 | 8.4 | 8.7 |
| Other Hallucinogens | 3.4 | 5.9 | 4.9 | 4.5 | 4.0 | 2.4 |
| Cocaine | 3.3 | 4.7 | 4.5 | 2.9 | 2.0 | 0.5 |
| PCP | 2.5 | 1.3 | 2.0 | 1.9 | 1.1 | 2.2 |

¹ Prescription.

² Nonprescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, *The Ontario Student Drug Use Survey: Trends Between 1977 and 1991* (Toronto: Addiction Research Foundation, 1991).

TABLE I-7

**PERCENTAGE OF STUDENTS REPORTING TOBACCO USE¹
BY SELECTED CHARACTERISTICS OF THE POPULATION,
ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991**

| Characteristics | 1981 | 1983 | 1985 | 1987 | 1989 | 1991 |
|-----------------|-------|-------|-------|-------|-------|-------|
| All | 30.3% | 29.1% | 24.5% | 24.0% | 23.3% | 21.7% |
| Sex: | | | | | | |
| Male | 26.1 | 28.1 | 22.6 | 22.8 | 22.1 | 21.5 |
| Female | 35.1 | 30.1 | 26.4 | 25.1 | 24.5 | 21.9 |
| Age: | | | | | | |
| 13 and under | 8.8 | 12.7 | 9.6 | 9.0 | 6.6 | 5.8 |
| 14 – 15 | 31.1 | 33.6 | 23.0 | 25.2 | 28.0 | 18.8 |
| 16 – 17 | 42.7 | 44.0 | 35.3 | 31.2 | 30.4 | 31.3 |
| 18 and over | 26.9 | 31.9 | 31.9 | 34.7 | 30.9 | 34.1 |
| Grade: | | | | | | |
| Seven | 9.4 | 14.9 | 10.5 | 10.2 | 7.1 | 6.1 |
| Nine | 32.2 | 32.6 | 24.6 | 24.9 | 28.3 | 21.3 |
| Eleven | 43.4 | 44.6 | 35.4 | 32.4 | 30.4 | 31.9 |
| Thirteen | 23.1 | 30.0 | 29.4 | 31.5 | 30.2 | 30.6 |
| Region: | | | | | | |
| Metro | 26.3 | 24.7 | 25.4 | 19.6 | 23.3 | 19.3 |
| West | 36.0 | 31.7 | 25.8 | 23.7 | 23.5 | 22.2 |
| East | 29.1 | 29.1 | 21.3 | 26.0 | 21.6 | 22.0 |
| North | 23.5 | 8.5 | 26.3 | 29.4 | 27.4 | 23.6 |

¹ Tobacco use was defined as consuming tobacco at least once during the previous year.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-8

ALCOHOL CONSUMPTION BY "STREET" YOUTH¹ IN TORONTO, 1990

| | Total (N=145) | Gender | | Age | |
|---|------------------|----------------|------------------|---------------|---------------|
| | | Male (N=93) | Female (N=52) | <19 (N=67) | 19+ (N=78) |
| Alcohol use during past 12 months: | | | | | |
| Never in lifetime | 1% | 2% | —% | 2% | 1% |
| Never in year | 4 | 4 | 4 | — | 8 |
| Just once | 2 | 2 | 2 | 5 | — |
| A few times | 12 | 12 | 14 | 12 | 13 |
| < 1 month | 3 | 2 | 6 | 3 | 4 |
| 1 month | 3 | 2 | 4 | 5 | 1 |
| 2–3 times/month | 16 | 17 | 13 | 18 | 14 |
| 1 week | 13 | 16 | 8 | 13 | 13 |
| 2–3 times/week | 24 | 24 | 25 | 25 | 23 |
| 4–6 times/week | 10 | 10 | 10 | 10 | 9 |
| Everyday | 6 | 5 | 8 | 6 | 6 |
| Varies | 3 | 2 | 4 | 2 | 4 |
| Quit in last year | 2 | 1 | 4 | — | 4 |
| Number of standard drinks consumed during past 7 days: | | | | | |
| Mean Number of Drinks | 15.1 | 13.3 | 18.4 | 16.1 | 14.2 |
| 0 drinks | 36% | 41% | 28% | 26% | 45% |
| 1– 7 | 26 | 25 | 28 | 30 | 22 |
| 8–14 | 8 | 8 | 8 | 12 | 4 |
| 15–21 | 4 | 4 | 4 | 2 | 6 |
| 22–28 | 6 | 4 | 10 | 9 | 4 |
| 29 | 20 | 18 | 24 | 21 | 19 |
| Consumed 5 or more drinks at a single sitting during past 4 weeks: | | | | | |
| Never | 37% | 34% | 42% | 29% | 44% |
| Once | 15 | 22 | 2 | 12 | 17 |
| Twice | 12 | 10 | 15 | 14 | 10 |
| 3 times | 8 | 8 | 10 | 14 | 4 |
| 4 times | 4 | 4 | 4 | 6 | 3 |
| 5 or more times | 24 | 22 | 27 | 26 | 22 |

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-9

LIFETIME, ANNUAL AND DAILY PREVALENCE OF DRUG USE BY "STREET" YOUTH¹ IN TORONTO, 1990

| | Total (N=145) | Gender | | Age | |
|---------------------------------|------------------|----------------|------------------|---------------|---------------|
| | | Male (N=93) | Female (N=52) | <19 (N=67) | 19+ (N=78) |
| Cannabis | | | | | |
| Year | 92% | 93% | 92% | 91% | 94% |
| Daily | 16 | 19 | 10 | 8 | 23 |
| LSD | | | | | |
| Year | 70 | 72 | 65 | 78 | 63 |
| Daily | 3 | 3 | 2 | 3 | 3 |
| Cocaine | | | | | |
| Year | 64 | 66 | 62 | 60 | 68 |
| Daily | 6 | 5 | 6 | 5 | 6 |
| Diazepam (Tranquillizer) | | | | | |
| Year | 59 | 52 | 71 | 57 | 60 |
| Daily | 2 | 1 | 4 | — | 4 |
| Crack | | | | | |
| Ever | 46 | 46 | 44 | 34 | 55 |
| Year | 39 | 41 | 37 | 34 | 44 |
| Daily | 6 | 5 | 6 | 5 | 6 |
| Speed | | | | | |
| Ever | 33 | 38 | 26 | 28 | 38 |
| Year | 24 | 29 | 15 | 27 | 22 |
| Daily | — | — | — | — | — |
| Inhalants | | | | | |
| Ever | 24 | 18 | 35 | 27 | 22 |
| Year | 17 | 12 | 25 | 21 | 13 |
| Daily | .. | .. | — | — | 1 |
| Heroin | | | | | |
| Ever | 18 | 16 | 21 | 10 | 24 |
| Year | 13 | 11 | 17 | 10 | 15 |
| Daily | — | — | — | — | — |
| Ecstasy | | | | | |
| Ever | 13 | 11 | 15 | 8 | 17 |
| Year | 12 | 10 | 15 | 6 | 17 |
| Daily | — | — | — | — | — |
| Ice | | | | | |
| Ever | 5 | 7 | 2 | 3 | 6 |
| Year | 5 | 7 | 2 | 3 | 6 |
| Daily | — | — | — | — | — |

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-10

THE 10 MOST IMPORTANT PROBLEMS "FACING STREET YOUTH"¹ TODAY" IN TORONTO, 1990

| Problems | Total (N=138) | Gender | | Age | |
|---|------------------|----------------|------------------|---------------|---------------|
| | | Male (N=88) | Female (N=50) | <19 (N=65) | 19+ (N=73) |
| Homelessness/Housing | 65% | 73% | 50% | 68% | 62% |
| Violence/Crime ² | 60 | 53 | 72 | 63 | 58 |
| Drugs | 55 | 58 | 50 | 52 | 58 |
| Food | 34 | 33 | 36 | 46 | 23 |
| Health | 32 | 31 | 34 | 25 | 38 |
| Money | 28 | 25 | 34 | 34 | 23 |
| Alcohol | 23 | 24 | 20 | 20 | 25 |
| Police/Criminal Justice System ³ | 17 | 18 | 14 | 20 | 14 |
| Employment | 16 | 19 | 10 | 12 | 19 |
| Inadequate Services/Programs ⁴ | 16 | 16 | 16 | 15 | 16 |

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

² Crime against street youth such as theft, battery, rape, knifing, kidnapping, physical abuse by pimps and others, prostitution, etc.

³ Inequality of the system with regard to street youth, contacts with police.

⁴ Lack of counselling, access to social assistance, hostels and shelters, etc.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-11

ALCOHOL USE¹ AMONG ADULTS AGED 18 YEARS AND OVER BY SELECTED CHARACTERISTICS OF THE POPULATION, ONTARIO, 1977, 1982, 1984, 1987, 1989 AND 1991

| Characteristics of Population | (Percentage Using Alcohol at Least Once During the Prior Year) | | | | | |
|----------------------------------|--|----------------|----------------|----------------|----------------|----------------|
| | 1977 N=1774 | 1982 N=1040 | 1984 N=1051 | 1987 N=1084 | 1989 N=1101 | 1991 N=1041 |
| Total Sample | 79.9% | 77.6% | 84.5% | 83.1% | 82.6% | 82.1% |
| Gender: | | | | | | |
| Male | 85.9 | 81.6 | 86.8 | 87.6 | 85.8 | 88.2 |
| Female | 73.4 | 73.6 | 82.3 | 78.8 | 79.6 | 76.5 |
| Age: | | | | | | |
| 18 – 29 years | 85.8 | 82.5 | 89.8 | 92.1 | 88.1 | 87.2 |
| 30 – 39 years | 86.0 | 82.5 | 91.1 | 87.7 | 90.8 | 85.2 |
| 40 – 49 years | 88.6 | 80.6 | 88.6 | 87.7 | 87.3 | 85.8 |
| 50 – 64 years | 76.2 | 76.2 | 80.0 | 80.9 | 74.2 | 76.3 |
| 65+ years | 53.5 | 58.5 | 64.8 | 58.2 | 66.8 | 73.8 |
| Region: | | | | | | |
| Metro Toronto | 80.6 | 81.3 | 87.3 | 85.6 | 83.0 | 82.1 |
| Metro Outskirts | 83.5 | 72.2 | 85.5 | 82.0 | 79.5 | 83.3 |
| Eastern Ontario | 79.5 | 77.3 | 82.8 | 85.5 | 81.4 | 83.1 |
| Western Ontario | 78.8 | 77.9 | 80.3 | 81.6 | 82.4 | 79.4 |
| Northern Ontario | 74.1 | 71.7 | 87.0 | 75.7 | 87.9 | 87.4 |
| Education²: | | | | | | |
| Elementary | 69.8 | 64.7 | 69.5 | 65.6 | 65.6 | 71.6 |
| Secondary | 79.0 | 77.3 | 84.7 | 80.8 | 81.4 | 80.4 |
| Post-Secondary | 88.5 | 84.3 | 88.8 | 89.8 | 88.0 | 86.3 |
| Occupation: | | | | | | |
| Professional/Managerial | — | 83.4 | 88.8 | 92.4 | 88.1 | 90.6 |
| Sales/Clerical | — | 84.6 | 91.5 | 89.3 | 86.3 | 82.0 |
| Labour | — | 82.8 | 89.6 | 88.1 | 89.0 | 82.3 |
| Unemployed | — | 73.7 | 89.0 | 87.9 | 73.1 | 85.5 |
| Housewife | — | 68.2 | 75.4 | 69.1 | 76.0 | 68.0 |
| Students | — | 88.3 | 90.7 | 88.8 | 80.5 | 86.5 |
| Other | — | 62.5 | 70.3 | 67.2 | 65.0 | 80.8 |

¹ Data based on Gallup household surveys. "Users" are defined as anyone who has used alcohol during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-12

ALCOHOL USE AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO A SURVEY CONDUCTED IN ONTARIO, 1991

| Characteristics of Population | Abstainer | Users ¹ | Percentage of Users Reporting: | |
|---|-----------|--------------------|--------------------------------|------------------------|
| | % | % | Daily Drinking | 5+ Drinks ² |
| Total Sample | 17.8% | 82.1% | 8.3% | 50.9% |
| Gender: | | | | |
| Male | 11.8 | 88.2 | 11.6 | 63.2 |
| Female | 23.5 | 76.5 | 4.9 | 36.8 |
| Age³: | | | | |
| 18 - 29 years | 12.8 | 87.2 | 2.9 | 72.1 |
| 30 - 39 years | 14.8 | 85.2 | 5.2 | 56.5 |
| 40 - 49 years | 14.2 | 85.8 | 10.0 | 41.5 |
| 50 - 64 years | 23.7 | 76.3 | 13.2 | 39.2 |
| 65+ years | 26.2 | 73.8 | 17.9 | 20.3 |
| Region: | | | | |
| Metro Toronto | 17.9 | 82.1 | 12.9 | 52.0 |
| Metro Outskirts | 16.7 | 83.3 | 5.5 | 42.4 |
| Eastern Ontario | 16.9 | 83.1 | 6.3 | 47.9 |
| Western Ontario | 20.6 | 79.4 | 5.2 | 51.4 |
| Northern Ontario | 12.6 | 87.4 | 6.8 | 65.5 |
| Education^{3,4}: | | | | |
| Elementary | 28.4 | 71.6 | 10.1 | 38.6 |
| Secondary | 19.6 | 80.4 | 8.3 | 51.4 |
| Post-Secondary | 13.7 | 86.3 | 8.1 | 52.3 |
| Occupation³: | | | | |
| Professional/Managerial | 9.4 | 90.6 | 7.8 | 50.1 |
| Sales/Clerical | 18.0 | 82.0 | 6.3 | 56.9 |
| Labour | 17.7 | 82.3 | 9.1 | 64.3 |
| Unemployed | 14.5 | 85.5 | 11.6 | 56.1 |
| Housewife | 32.0 | 68.0 | 4.3 | 27.6 |
| Students | 13.5 | 86.5 | 2.9 | 79.7 |
| Other | 19.2 | 80.8 | 18.4 | 25.0 |
| Gross Family Income^{3,5}: | | | | |
| <\$10,000 | 26.7 | 73.3 | 4.6 | 56.6 |
| \$10,000 - \$14,999 | 28.5 | 71.5 | 5.8 | 58.3 |
| \$15,000 - \$19,999 | 16.9 | 83.1 | 9.7 | 42.5 |
| \$20,000 - \$39,999 | 19.7 | 80.3 | 9.6 | 51.8 |
| \$40,000 - \$49,999 | 11.3 | 88.7 | 8.7 | 47.1 |
| \$50,000+ | 10.9 | 89.1 | 8.9 | 52.7 |

TABLE I-12 (Concluded)

ALCOHOL USE AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO A SURVEY CONDUCTED IN ONTARIO, 1991

¹ Data based on Gallup household survey with a sample size of 1,041. "Users" are defined as anyone who has used alcohol during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Users reporting 5 or more drinks at a single sitting.

³ Excludes data for 9 respondents who did not state their age, 5 their education, 12 their occupation and 204 their income.

⁴ Refers to the last school the respondent attended or graduated.

⁵ Income levels are measured in dollars of the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-13

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

| Characteristics of Population | % Using SLEEPING PILLS at Least Once During the Prior Year | | | | | |
|---|--|----------------|----------------|----------------|----------------|----------------|
| | 1977 N=1756 | 1982 N=1033 | 1984 N=1043 | 1987 N=1074 | 1989 N=1099 | 1991 N=1040 |
| Total Sample | 7.6% | 6.2% | 7.3% | 9.0% | 9.1% | 7.7% |
| Gender: | | | | | | |
| Male | 6.0 | 4.3 | 4.6 | 7.1 | 7.2 | 6.2 |
| Female | 9.3 | 8.1 | 9.9 | 10.8 | 11.0 | 9.1 |
| Age: | | | | | | |
| 18 – 29 years | 4.0 | 3.3 | 2.2 | 7.1 | 9.4 | 4.7 |
| 30 – 39 years | 5.5 | 4.6 | 4.3 | 8.2 | 5.2 | 5.9 |
| 40 – 49 years | 3.3 | 3.6 | 7.4 | 9.3 | 8.8 | 8.1 |
| 50 – 64 years | 12.7 | 10.0 | 12.1 | 12.6 | 9.3 | 8.8 |
| 65+ years | 17.9 | 12.1 | 15.2 | 9.5 | 14.9 | 14.9 |
| Region: | | | | | | |
| Metro Toronto | 6.7 | 4.7 | 6.3 | 6.1 | 10.5 | 8.1 |
| Metro Outskirts | 6.3 | 6.5 | 7.6 | 8.6 | 9.7 | 8.9 |
| Eastern Ontario | 7.1 | 6.3 | 6.7 | 10.2 | 11.0 | 7.0 |
| Western Ontario | 9.9 | 7.0 | 9.4 | 10.3 | 6.2 | 8.0 |
| Northern Ontario | 6.3 | 8.7 | 6.1 | 13.5 | 8.3 | 5.5 |
| Education²: | | | | | | |
| Elementary | 13.5 | 12.1 | 10.3 | 14.8 | 12.8 | 8.7 |
| Secondary | 7.0 | 4.8 | 8.2 | 8.3 | 7.0 | 9.0 |
| Post-Secondary | 5.0 | 5.7 | 5.1 | 8.3 | 10.3 | 6.1 |
| Occupation: | | | | | | |
| Professional/Managerial | n.a. | 5.2 | 4.1 | 8.5 | 10.0 | 5.6 |
| Sales/Clerical | n.a. | 4.9 | 4.8 | 5.3 | 9.3 | 4.7 |
| Labour | n.a. | 4.1 | 8.8 | 7.9 | 5.9 | 5.2 |
| Unemployed | n.a. | 3.5 | 4.2 | 12.2 | 4.5 | 9.5 |
| Housewife | n.a. | 8.8 | 12.0 | 14.1 | 11.8 | 11.0 |
| Students | n.a. | 2.9 | .. | 8.1 | 6.7 | 9.0 |
| Other | n.a. | 11.3 | 10.7 | 9.0 | 12.3 | 13.8 |
| Gross Family Income³: | | | | | | |
| <\$10,000 | 11.0 | 9.0 | 10.9 | 14.3 | 13.6 | 12.0 |
| \$10,000 – \$14,999 | 5.4 | 9.1 | 13.9 | 13.2 | 15.5 | 15.9 |
| \$15,000 – \$19,999 | 6.2 | 5.3 | 2.0 | 10.5 | 16.0 | 11.8 |
| \$20,000 – \$39,999 | 3.3 | 4.9 | 6.5 | 9.1 | 8.2 | 5.9 |
| \$40,000 – \$49,999 | — | — | 7.1 | 10.0 | 9.3 | 8.7 |
| \$50,000+ | — | — | — | 5.1 | 7.4 | 5.8 |

TABLE I-13 (Continued)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

| Characteristics of Population | % Using STIMULANTS at Least Once During the Prior Year | | | | | |
|---|--|----------------|----------------|----------------|----------------|----------------|
| | 1977 N=1772 | 1982 N=1036 | 1984 N=1049 | 1987 N=1075 | 1989 N=1096 | 1991 N=1041 |
| Total Sample | 1.7% | 3.3% | 2.5% | 2.6% | 2.9% | 1.4% |
| Gender: | | | | | | |
| Male | 1.6 | 3.5 | 2.6 | 2.0 | 1.8 | 1.3 |
| Female | 1.8 | 3.1 | 2.6 | 3.1 | 3.9 | 1.4 |
| Age: | | | | | | |
| 18 – 29 years | 2.8 | 6.8 | 5.1 | 4.7 | 5.8 | 1.4 |
| 30 – 39 years | .. | 3.6 | 2.9 | 3.2 | 2.0 | 2.2 |
| 40 – 49 years | 1.0 | .. | 1.6 | 0.6 | 2.0 | 1.0 |
| 50 – 64 years | 1.6 | 1.5 | 1.0 | 1.9 | 1.5 | 1.4 |
| 65+ years | .. | .. | .. | 0.7 | 2.7 | .. |
| Region: | | | | | | |
| Metro Toronto | 1.8 | 4.6 | 4.6 | 2.1 | 2.5 | 1.8 |
| Metro Outskirts | 2.9 | 3.9 | .. | 0.6 | 1.7 | 1.4 |
| Eastern Ontario | 1.2 | 1.6 | 1.6 | 2.5 | 2.0 | 1.7 |
| Western Ontario | 1.6 | 3.2 | 1.0 | 4.5 | 3.1 | .. |
| Northern Ontario | .. | 1.3 | 4.1 | 2.3 | 7.5 | .. |
| Education²: | | | | | | |
| Elementary | 1.9 | 2.1 | .. | 1.9 | 2.6 | .. |
| Secondary | 1.6 | 3.7 | 2.8 | 2.5 | 3.4 | .. |
| Post-Secondary | 1.8 | 3.1 | 2.7 | 2.9 | 2.5 | 1.8 |
| Occupation: | | | | | | |
| Professional/Managerial | n.a. | 2.5 | 1.8 | 1.3 | 1.5 | 1.4 |
| Sales/Clerical | n.a. | 1.5 | 2.1 | 3.0 | 3.3 | 2.9 |
| Labour | n.a. | 4.9 | 4.6 | 2.6 | 3.4 | .. |
| Unemployed | n.a. | 3.4 | .. | 6.9 | 5.7 | 2.8 |
| Housewife | n.a. | 3.7 | 1.0 | 2.7 | 4.5 | .. |
| Students | n.a. | 6.7 | 9.8 | 7.2 | 5.0 | 1.4 |
| Other | n.a. | .. | .. | .. | .. | 1.5 |
| Gross Family Income³: | | | | | | |
| <\$10,000 | 2.5 | 4.5 | 2.2 | 1.2 | 9.1 | 1.6 |
| \$10,000 – \$14,999 | 1.6 | 4.6 | 3.1 | 3.4 | 4.7 | .. |
| \$15,000 – \$19,999 | 2.9 | 3.0 | 1.0 | 6.2 | 2.4 | 5.5 |
| \$20,000 – \$39,999 | 1.1 | 3.5 | 3.5 | 2.4 | 2.8 | 1.6 |
| \$40,000 – \$49,999 | – | – | 1.4 | 2.6 | 4.3 | .. |
| \$50,000+ | – | – | – | 1.9 | 2.1 | 1.7 |

TABLE I-13 (Continued)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

| Characteristics of Population | % Using TRANQUILLIZERS Least Once During the Prior Year | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|
| | 1977 N=1756 | 1982 N=1033 | 1984 N=1043 | 1987 N=1069 | 1989 N=1096 | 1991 N=1038 |
| Total Sample | 12.1% | 7.7% | 9.3% | 6.7% | 6.5% | 5.8% |
| Gender: | | | | | | |
| Male | 8.7 | 6.0 | 6.1 | 3.5 | 5.0 | 3.9 |
| Female | 15.9 | 9.4 | 12.3 | 9.6 | 7.9 | 7.6 |
| Age: | | | | | | |
| 18 – 29 years | 7.1 | 4.4 | 3.6 | 2.1 | 5.8 | 5.7 |
| 30 – 39 years | 13.6 | 5.9 | 9.9 | 7.1 | 4.5 | 5.5 |
| 40 – 49 years | 12.2 | 6.1 | 11.4 | 9.3 | 5.4 | 5.6 |
| 50 – 64 years | 18.6 | 12.0 | 13.2 | 6.5 | 9.0 | 7.8 |
| 65+ years | 12.1 | 13.4 | 13.1 | 13.3 | 9.7 | 4.2 |
| Region: | | | | | | |
| Metro Toronto | 14.6 | 8.6 | 7.9 | 3.4 | 6.3 | 7.6 |
| Metro Outskirts | 7.4 | 5.7 | 7.6 | 7.3 | 4.1 | 4.3 |
| Eastern Ontario | 10.0 | 7.7 | 10.7 | 9.0 | 5.2 | 5.8 |
| Western Ontario | 13.2 | 6.8 | 11.3 | 9.3 | 7.8 | 3.7 |
| Northern Ontario | 12.7 | 10.7 | 9.2 | 5.8 | 9.7 | 6.2 |
| Education²: | | | | | | |
| Elementary | 11.2 | 9.8 | 11.8 | 13.1 | 7.2 | 8.4 |
| Secondary | 12.3 | 6.9 | 10.5 | 7.0 | 7.3 | 5.9 |
| Post-Secondary | 12.3 | 8.2 | 6.6 | 4.8 | 5.7 | 5.1 |
| Occupation: | | | | | | |
| Professional/Managerial | n.a. | 9.4 | 5.2 | 4.4 | 4.6 | 5.1 |
| Sales/Clerical | n.a. | 3.2 | 7.4 | 4.5 | 5.2 | 8.6 |
| Labour | n.a. | 4.2 | 8.7 | 3.7 | 5.9 | 2.7 |
| Unemployed | n.a. | 6.5 | 12.8 | 2.7 | 10.1 | 5.6 |
| Housewife | n.a. | 10.6 | 12.9 | 11.7 | 10.6 | 7.2 |
| Students | n.a. | 4.7 | 4.5 | 5.4 | 5.0 | 7.6 |
| Other | n.a. | 14.1 | 15.5 | 13.5 | 8.9 | 4.0 |
| Gross Family Income³: | | | | | | |
| <\$10,000 | 13.4 | 10.7 | 11.2 | 13.6 | 16.3 | 8.8 |
| \$10,000 – \$14,999 | 14.2 | 17.1 | 14.2 | 13.4 | 9.5 | 7.1 |
| \$15,000 – \$19,999 | 8.3 | 7.3 | 11.9 | 9.8 | 2.2 | 12.1 |
| \$20,000 – \$39,999 | 12.1 | 5.4 | 7.9 | 5.6 | 6.0 | 5.4 |
| \$40,000 – \$49,999 | – | – | 7.4 | 6.9 | 3.8 | 3.3 |
| \$50,000+ | – | – | – | 3.0 | 5.7 | 5.9 |

TABLE 13 (Concluded)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

¹ Data based on Gallup household surveys with sample size of 1,774 in 1977, 1,040 in 1982, 1,051 in 1984, 1,084 in 1987, 1,101 in 1989 and 1,041 in 1991. "Users" are defined as anyone who used the drugs within the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars of the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1989).

TABLE I-14

MARIJUANA USE¹ AMONG ADULTS AGED 18 YEARS AND OVER
ACCORDING TO SURVEYS CONDUCTED IN ONTARIO,
1977, 1982, 1984, 1987, 1989 AND 1991

| Characteristics of Population | % Using Marijuana at Least Once During Prior Year | | | | | |
|------------------------------------|---|----------------|----------------|----------------|----------------|----------------|
| | 1977 N=1760 | 1982 N=1026 | 1984 N=1043 | 1987 N=1075 | 1989 N=1098 | 1991 N=1095 |
| Total Sample | 8.1% | 8.2% | 11.2% | 9.5% | 10.5% | 10.5% |
| Gender: | | | | | | |
| Male | 11.2 | 12.3 | 15.6 | 12.3 | 13.0 | 13.0 |
| Female | 4.5 | 4.1 | 7.1 | 6.8 | 8.2 | 8.2 |
| Age: | | | | | | |
| 18 – 29 years | 22.6 | 22.7 | 28.5 | 20.0 | 24.6 | 24.6 |
| 30 – 39 years | 3.9 | 4.2 | 9.5 | 11.6 | 11.8 | 11.8 |
| 40 – 49 years | 2.3 | — | 2.2 | 5.4 | 3.9 | 3.9 |
| 50 – 64 years | 1.2 | 1.3 | 1.8 | 0.8 | 1.4 | 1.4 |
| 65+ years | — | 0.7 | — | — | 0.5 | 0.5 |
| Region: | | | | | | |
| Metro Toronto | 9.1 | 12.7 | 17.2 | 12.6 | 12.4 | 12.4 |
| Metro Outskirts | 7.0 | 5.2 | 11.6 | 6.7 | 8.4 | 8.4 |
| Eastern Ontario | 9.2 | 7.2 | 5.9 | 7.6 | 11.2 | 11.2 |
| Western Ontario | 6.8 | 5.2 | 5.3 | 10.6 | 7.0 | 7.0 |
| Northern Ontario | 8.8 | 8.0 | 15.0 | 3.8 | 15.9 | 15.9 |
| Education ² : | | | | | | |
| Elementary | 1.6 | 3.5 | 2.3 | — | 2.4 | 2.4 |
| Secondary | 9.1 | 7.9 | 9.7 | 10.7 | 10.5 | 10.5 |
| Post-Secondary | 9.8 | 10.9 | 16.0 | 10.6 | 12.6 | 12.6 |
| Occupation: | | | | | | |
| Professional/Managerial | n.a. | 4.6 | 10.2 | 9.5 | 10.9 | 10.9 |
| Sales/Clerical | n.a. | 11.2 | 15.6 | 11.2 | 12.4 | 12.4 |
| Labour | n.a. | 11.2 | 15.3 | 14.7 | 14.5 | 14.5 |
| Unemployed | n.a. | 25.4 | 22.4 | 9.4 | 37.4 | 37.4 |
| Housewife | n.a. | 1.7 | 3.6 | 3.1 | 2.1 | 2.1 |
| Students | n.a. | 29.2 | 28.2 | 20.0 | 20.3 | 20.3 |
| Other | n.a. | 1.7 | — | — | 0.8 | 0.8 |
| Gross Family Income ³ : | | | | | | |
| <\$10,000 | 13.3 | 9.2 | 13.6 | 12.3 | 9.4 | 6.5 |
| \$10,000–\$14,999 | 8.5 | 8.1 | 12.8 | 8.3 | 7.5 | 6.2 |
| \$15,000–\$19,999 | 10.8 | 7.1 | 10.7 | 16.0 | 17.0 | 12.0 |
| \$20,000–\$39,999 | 5.5 | 8.7 | 11.2 | 8.8 | 12.7 | 7.4 |
| \$40,000–\$49,999 | n.a. | n.a. | 11.6 | 10.3 | 8.2 | 5.4 |
| \$50,000+ | n.a. | n.a. | n.a. | 10.2 | 14.8 | 7.1 |

TABLE I-14 (Concluded)

MARIJUANA USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1984, 1987, 1989 AND 1991

¹ Data based on Gallup household surveys with sample sizes of 1,774 in 1977, 1,040 in 1982, 1,051 in 1984, 1,084 in 1987, 1,101 in 1989 and 1,041 in 1991. "Users" are defined as anyone who has used marijuana during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars or the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-15

**COCAINE USE¹ AMONG ADULTS AGED 18 YEARS AND OVER
ACCORDING TO SURVEYS CONDUCTED IN ONTARIO,
1984, 1987, 1989 AND 1991**

| Characteristics of Population | % Using Cocaine at Least Once in Past 12 Months | | | |
|---|---|----------------|----------------|----------------|
| | 1984 N=1050 | 1987 N=1081 | 1989 N=1101 | 1991 N=1099 |
| Total Sample | 1.7% | 1.8% | 2.1% | 1.8% |
| Gender: | | | | |
| Male | 2.9 | 2.5 | 2.4 | 2.8 |
| Female | 0.6 | 1.1 | 1.8 | .. |
| Age: | | | | |
| 18 – 29 years | 4.1 | 4.7 | 6.1 | 5.5 |
| 30 – 39 years | 2.5 | 1.8 | 1.1 | .. |
| 40 – 49 years | .. | .. | 1.1 | .. |
| 50 – 64 years | .. | .. | .. | .. |
| 65+ years | .. | .. | .. | .. |
| Region: | | | | |
| Metro Toronto | 3.4 | 3.0 | 2.2 | 2.2 |
| Metro Outskirts | 1.2 | 0.6 | 0.8 | .. |
| Eastern Ontario | .. | 2.5 | 2.8 | 2.3 |
| Western Ontario | 1.0 | 1.0 | 1.6 | .. |
| Northern Ontario | 2.0 | .. | 3.8 | 4.3 |
| Education²: | | | | |
| Elementary | .. | .. | .. | 1.5 |
| Secondary | 1.6 | 2.3 | 1.8 | 1.7 |
| Post-Secondary | 2.4 | 1.7 | 2.9 | 1.9 |
| Occupation: | | | | |
| Professional/Managerial | 2.2 | 1.3 | 2.0 | 1.8 |
| Sales/Clerical | 1.5 | 2.8 | 2.6 | 2.9 |
| Labour | 3.4 | 3.1 | 2.2 | 1.6 |
| Unemployed | 2.7 | .. | 12.0 | .. |
| Housewife | .. | .. | 0.7 | .. |
| Students | 3.3 | 4.4 | 5.0 | 4.8 |
| Other | .. | .. | .. | .. |
| Gross Family Income³: | | | | |
| <\$10,000 | 3.2 | .. | .. | .. |
| \$10,000 – \$14,999 | 1.9 | .. | 1.4 | 2.2 |
| \$15,000 – \$19,999 | 3.4 | 8.0 | 9.2 | 10.5 |
| \$20,000 – \$39,999 | 1.7 | 1.6 | 2.7 | 1.2 |
| \$40,000 – \$49,999 | 2.8 | 1.0 | 2.8 | .. |
| \$50,000+ | .. | 2.9 | 0.8 | 2.1 |

TABLE I-15 (Concluded)

COCAINE USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1984, 1987, 1989 AND 1991

¹ Data based on Gallup household surveys with sample sizes of 1,051 in 1984, 1,084 in 1987, 1,101 in 1989, and 1,041 in 1991. "Users" are defined as anyone who used the drugs within the previous 12 months. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars of the specified year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-16

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR ALCOHOL-INVOLVED DRIVERS BY NATURE OF INJURY, ONTARIO 1983 TO 1990¹

| Class of Accident | Number of Drivers Involved in Accidents with Ability Impaired by Drink or Who Had Been Drinking | | | | | | | |
|----------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 500 | 492 | 459 | 415 | 434 | 407 | 362 | 309 |
| Non-Fatal | 11,459 | 11,220 | 10,690 | 9,148 | 9,783 | 8,415 | 7,987 | 6,809 |
| Property Damage Only | 12,004 | 12,027 | 9,608 | 8,027 | 8,380 | 9,173 | 9,427 | 8,673 |
| Total | 23,963 | 23,739 | 20,757 | 17,590 | 18,597 | 17,995 | 17,776 | 15,791 |

| Class of Accident | Rate Per 100,000 Licensed Drivers | | | | | | | |
|----------------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 9.3 | 8.9 | 8.1 | 7.1 | 7.3 | 6.7 | 5.8 | 4.8 |
| Non-Fatal | 213.0 | 203.5 | 188.9 | 157.2 | 163.6 | 137.5 | 127.0 | 105.6 |
| Property Damage Only | 223.1 | 218.1 | 169.7 | 138.0 | 140.2 | 149.9 | 149.9 | 134.5 |
| Total | 445.4 | 430.5 | 366.7 | 302.3 | 311.1 | 294.1 | 282.6 | 244.9 |

| Class of Accident | Percentage of Drivers Involved in Accidents with Ability Impaired or Who Had Been Drinking Relative to Total Drivers ² | | | | | | | |
|----------------------|---|------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 31.5 | 31.1 | 29.0 | 27.4 | 25.5 | 23.0 | 19.3 | 18.9 |
| Non-Fatal | 10.8 | 9.9 | 8.2 | 7.0 | 6.8 | 5.9 | 5.5 | 5.6 |
| Property Damage Only | 5.9 | 5.5 | 4.8 | 4.1 | 3.9 | 3.5 | 3.2 | 3.2 |
| Total | 7.7 | 7.1 | 6.3 | 5.4 | 5.2 | 4.4 | 4.0 | 4.0 |

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of alcohol-involved drivers relative to total drivers within that class irrespective of driver condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983, and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-17

MOTOR VEHICLE TRAFFIC ACCIDENTS¹ FOR ALCOHOL-INVOLVED DRIVERS BY AGE OF DRIVER², ONTARIO, 1983 TO 1990

| Driver's Age | Number of Drivers ² | | | | | | | |
|--------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Under 16 | 29 | 26 | 27 | 25 | 28 | 39 | 32 | 37 |
| 16 | 200 | 218 | 187 | 107 | 145 | 118 | 125 | 119 |
| 17 | 599 | 489 | 395 | 303 | 327 | 307 | 244 | 240 |
| 18 | 1,047 | 886 | 700 | 535 | 536 | 496 | 488 | 378 |
| 19 | 1,531 | 1,459 | 1,096 | 874 | 850 | 817 | 753 | 589 |
| 16 - 19 | 3,377 | 3,052 | 2,378 | 1,819 | 1,858 | 1,738 | 1,610 | 1,326 |
| 20 - 24 | 6,670 | 6,893 | 5,988 | 5,008 | 4,915 | 4,245 | 3,972 | 3,097 |
| 25 - 34 | 6,977 | 7,157 | 6,431 | 5,849 | 6,448 | 6,309 | 6,422 | 5,959 |
| 35 - 44 | 3,498 | 3,408 | 3,065 | 2,594 | 2,872 | 3,000 | 3,014 | 2,889 |
| 45 - 54 | 1,908 | 1,754 | 1,594 | 1,298 | 1,375 | 1,318 | 1,421 | 1,265 |
| 55 - 64 | 1,063 | 1,035 | 917 | 687 | 778 | 807 | 759 | 695 |
| 65 and over | 398 | 380 | 333 | 293 | 296 | 327 | 309 | 293 |
| Unkonown | 43 | 34 | 24 | 17 | 27 | 212 | 237 | 230 |
| Total | 23,963 | 23,739 | 20,757 | 17,590 | 18,597 | 17,995 | 17,776 | 15,791 |

| Driver's Age | Percentage Age-Distribution of Drivers ² | | | | | | | |
|-----------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Under 16 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| 16 | 0.8 | 0.9 | 0.9 | 0.6 | 0.8 | 0.7 | 0.7 | 0.8 |
| 17 | 2.5 | 2.1 | 1.9 | 1.7 | 1.8 | 1.7 | 1.4 | 1.5 |
| 18 | 4.4 | 3.7 | 3.4 | 3.0 | 2.9 | 2.8 | 2.7 | 2.4 |
| 19 | 6.4 | 6.1 | 5.3 | 5.0 | 4.6 | 4.5 | 4.2 | 3.7 |
| 16 - 19 | 14.1 | 12.9 | 11.5 | 10.3 | 10.0 | 9.7 | 9.1 | 8.4 |
| 20 - 24 | 27.8 | 29.0 | 28.8 | 28.5 | 26.4 | 23.6 | 22.3 | 19.6 |
| 25 - 34 | 29.1 | 30.1 | 31.0 | 33.3 | 34.7 | 35.1 | 36.1 | 37.7 |
| 35 - 44 | 14.6 | 14.4 | 14.8 | 14.7 | 15.4 | 16.7 | 17.0 | 18.3 |
| 45 - 54 | 8.0 | 7.4 | 7.7 | 7.4 | 7.4 | 7.3 | 8.0 | 8.0 |
| 55 - 64 | 4.4 | 4.4 | 4.4 | 3.9 | 4.2 | 4.5 | 4.3 | 4.4 |
| 65 and over | 1.7 | 1.6 | 1.6 | 1.7 | 1.6 | 1.8 | 1.7 | 1.9 |
| Unkonown | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 1.2 | 1.3 | 1.5 |
| Total(%)³ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

| Driver's Age | Rate Per 1,000 Licensed Drivers ² | | | | | | | |
|--------------------------|--|------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| 16 | 6.7 | 7.5 | 6.0 | 3.4 | 4.3 | 3.8 | 3.5 | 3.2 |
| 17 | 8.1 | 7.0 | 5.5 | 4.1 | 4.2 | 4.0 | 3.1 | 3.0 |
| 18 | 10.6 | 9.7 | 7.9 | 6.0 | 5.7 | 5.1 | 5.0 | 3.9 |
| 19 | 13.0 | 13.3 | 10.7 | 8.8 | 8.4 | 7.8 | 6.8 | 5.4 |
| 16 - 19 | 10.5 | 10.2 | 8.1 | 6.2 | 6.1 | 5.6 | 5.0 | 4.1 |
| 20 - 24 | 9.8 | 10.0 | 8.7 | 7.4 | 7.4 | 6.6 | 6.3 | 4.9 |
| 25 - 34 | 5.1 | 5.1 | 4.5 | 3.9 | 4.2 | 4.0 | 3.9 | 3.6 |
| 35 - 44 | 3.2 | 2.9 | 2.5 | 2.1 | 2.2 | 2.2 | 2.1 | 2.0 |
| 45 - 54 | 2.4 | 2.2 | 1.9 | 1.5 | 1.6 | 1.5 | 1.5 | 1.3 |
| 55 - 64 | 1.6 | 1.5 | 1.3 | 1.0 | 1.1 | 1.1 | 1.1 | 1.0 |
| 65 and over | 0.8 | 0.8 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| Total⁴ | 4.5 | 4.3 | 3.7 | 3.0 | 3.1 | 2.9 | 2.8 | 2.4 |

TABLE I-17

MOTOR VEHICLE TRAFFIC ACCIDENTS¹ FOR ALCOHOL-INVOLVED DRIVERS BY AGE OF DRIVER², ONTARIO, 1983 TO 1990

- ¹ Includes drivers with "ability impaired" by alcohol or who "had been drinking".
- ² Includes fatal, non-fatal and property damage accidents.
- ³ Due to rounding, the column totals will not always add up to 100%.
- ⁴ Includes alcohol-involved drivers under 16 years of ages and whose age is unknown.

Note The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, and 1988 - 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-18

**DISTRIBUTION OF BLOOD ALCOHOL CONCENTRATION (BAC)
AMONG FATALLY INJURED DRIVERS, ONTARIO, 1979 TO 1989**

| Year | Number of: | | Drivers Tested Grouped by BAC (mg%) | | |
|------|------------|----------------|-------------------------------------|-------------|--------------|
| | Drivers | Drivers Tested | Zero | 1-80 | >80 |
| 1979 | 426 | 384 90.1% | 147 38.3% | 39 10.2% | 198 51.6% |
| 1980 | 453 | 419 92.5 | 175 41.8 | 38 9.1 | 206 49.2 |
| 1981 | 460 | 432 93.9 | 180 41.7 | 44 10.2 | 208 48.1 |
| 1982 | 384 | 357 93.0 | 168 47.1 | 30 8.4 | 159 44.5 |
| 1983 | 398 | 370 93.0 | 187 50.5 | 31 8.4 | 152 41.1 |
| 1984 | 337 | 309 91.7 | 159 51.5 | 28 9.1 | 122 39.5 |
| 1985 | 363 | 338 93.1 | 164 48.5 | 37 10.9 | 137 40.5 |
| 1986 | 372 | 351 94.4 | 186 53.0 | 28 8.0 | 137 39.0 |
| 1987 | 420 | 363 86.4 | 203 55.9 | 27 7.4 | 133 36.6 |
| 1988 | 398 | 370 93.0 | 201 54.3 | 42 11.3 | 127 34.4 |
| 1989 | 449 | 407 90.6 | 251 61.7 | 35 8.6 | 121 29.7 |

¹ Includes only drivers that died within 6 hours of their accidents, as a result figures should not be compared to data in Table I-19.

Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of
² snowmobiles, other off-road vehicles, and bicycles.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1989 (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1991).

TABLE I-19

DISTRIBUTION OF BLOOD ALCOHOL CONCENTRATION (BAC)
AMONG FATALLY¹ INJURED DRIVERS² BY AGE, ONTARIO, 1989

| Age | Number of : | | Drivers Tested Grouped by BAC (mg%) | | | | |
|-------|-------------|----------------|-------------------------------------|-----------|-----------|------------|-------------|
| | Drivers | Drivers tested | Zero | 1-49 | 50-80 | 81-150 | >150 |
| < 16 | 2 | 2 100.0% | 1 50.0% | | | | 1 50.0% |
| 16-17 | 30 | 22 73.3 | 15 68.2 | 2 9.1 | 3 13.6 | 1 4.5 | 1 4.5 |
| 18-19 | 51 | 42 82.4 | 28 66.7 | 3 7.1 | | 4 9.5 | 7 16.7 |
| 20-25 | 176 | 145 82.4 | 63 43.4 | 12 8.3 | 6 4.1 | 21 14.5 | 43 29.7 |
| 26-35 | 188 | 166 88.3 | 83 50.0 | 9 5.4 | 4 2.4 | 15 9.0 | 55 33.1 |
| 36-45 | 103 | 92 89.3 | 51 55.4 | 6 6.5 | 1 1.1 | 4 4.3 | 30 32.6 |
| 46-55 | 57 | 45 78.9 | 32 71.1 | 2 4.4 | | 2 4.4 | 9 20.0 |
| > 55 | 139 | 105 75.5 | 88 83.8 | 3 2.9 | 2 1.9 | 4 3.8 | 8 7.6 |
| Total | 746 | 619 83.0 | 361 58.3 | 37 6.0 | 16 2.6 | 51 8.2 | 154 24.9 |

¹ Includes drivers dying within 12 months as a result of injuries sustained in a collision involving a motor vehicle. These results should not be compared with the results in Table I-18.

² Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of snowmobiles, other off-road vehicles, and bicycles.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1989 (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1991).

TABLE I-20

NUMBER OF ALCOHOL-RELATED TRAFFIC OFFENCES AND PERSONS¹ CHARGED BY SEX, ONTARIO, 1983 TO 1990

| Offence | Number of Alcohol-Related Traffic Offences | | | | | | |
|----------------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Impaired Operation of: | | | | | | | |
| Motor Vehicle | | | | | | | |
| Causing Death | n.a. | n.a. | 45 | 65 | 74 | 60 | 33 |
| Causing Bodily Harm | n.a. | n.a. | 607 | 598 | 548 | 566 | 477 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 37,598 | 35,511 | 35,440 | 35,943 | 33,242 |
| Boat, Vessel or Aircraft | | | | | | | |
| Causing Death | n.a. | n.a. | — | 1 | 1 | 1 | 1 |
| Causing Bodily Harm | n.a. | n.a. | 58 | 24 | 22 | 16 | 12 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 61 | 100 | 70 | 50 | 63 |
| Total Impaired Operation | 43,552 | 39,149 | 38,369 | 36,299 | 36,155 | 36,636 | 33,828 |
| Fail or Refuse to Provide | | | | | | | |
| Breath Sample | 2,892 | 2,451 | 2,719 | 2,660 | 2,892 | 2,957 | 2,879 |
| Blood Sample | n.a. | n.a. | 50 | 56 | 61 | 74 | 72 |
| Total | 46,444 | 41,600 | 41,138 | 39,015 | 39,108 | 39,667 | 36,779 |

| Offence | Number of Males Charged with Alcohol-Related Traffic Offences | | | | | | |
|----------------------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Impaired Operation of: | | | | | | | |
| Motor Vehicle | | | | | | | |
| Causing Death | n.a. | n.a. | 41 | 56 | 66 | 53 | 31 |
| Causing Bodily Harm | n.a. | n.a. | 517 | 523 | 455 | 448 | 379 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 32,659 | 31,689 | 31,104 | 31,603 | 29,047 |
| Boat, Vessel or Aircraft | | | | | | | |
| Causing Death | n.a. | n.a. | — | 1 | 1 | — | 1 |
| Causing Bodily Harm | n.a. | n.a. | 49 | 18 | 16 | 15 | 13 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 52 | 93 | 64 | 48 | 52 |
| Total Impaired Operation | 39,297 | 35,468 | 33,318 | 32,380 | 31,706 | 32,167 | 29,523 |
| Fail or Refuse to Provide | | | | | | | |
| Breath Sample | 2,370 | 1,972 | 2,366 | 2,277 | 2,353 | 2,317 | 2,213 |
| Blood Sample | n.a. | n.a. | 40 | 51 | 49 | 54 | 58 |
| Total | 41,667 | 37,440 | 35,724 | 34,708 | 34,108 | 34,538 | 31,794 |

TABLE I-20 (Concluded)

NUMBER OF ALCOHOL-RELATED TRAFFIC OFFENCES AND PERSONS¹ CHARGED BY SEX, ONTARIO, 1983 TO 1990

| Offence | Number of Females Charged with Alcohol-Related Traffic Offences | | | | | | |
|---|---|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Impaired Operation of: Motor Vehicle | | | | | | | |
| Causing Death | n.a. | n.a. | 4 | 5 | 5 | 4 | 2 |
| Causing Bodily Harm | n.a. | n.a. | 66 | 42 | 47 | 31 | 37 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 2,941 | 3,114 | 2,928 | 3,099 | 2,815 |
| Boat, Vessel or Aircraft | | | | | | | |
| Causing Death | n.a. | n.a. | — | — | — | — | — |
| Causing Bodily Harm | n.a. | n.a. | 4 | 2 | 2 | — | — |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 9 | 3 | 2 | 1 | 4 |
| Total Impaired Operation | 3,066 | 2,824 | 3,024 | 3,166 | 2,984 | 3,135 | 2,858 |
| Fail or Refuse to Provide | | | | | | | |
| Breath Sample | 224 | 160 | 244 | 290 | 284 | 291 | 257 |
| Blood Sample | n.a. | n.a. | 2 | 1 | 5 | 5 | 4 |
| Total | 3,290 | 2,984 | 3,270 | 3,457 | 3,273 | 3,431 | 3,119 |

| Offence | Number of Persons Charged with Alcohol-Related Traffic Offences | | | | | | |
|--|---|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Impaired Operation of: Motor Vehicle: | | | | | | | |
| Causing Death | n.a. | n.a. | 45 | 61 | 71 | 57 | 33 |
| Causing Bodily Harm | n.a. | n.a. | 583 | 565 | 502 | 479 | 416 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 35,600 | 34,803 | 34,032 | 34,702 | 31,862 |
| Boat, Vessel or Aircraft | | | | | | | |
| Causing Death | n.a. | n.a. | — | 1 | 1 | — | 1 |
| Causing Bodily Harm | n.a. | n.a. | 53 | 20 | 18 | 15 | 13 |
| Blood Alcohol Over 80mg% | n.a. | n.a. | 61 | 96 | 66 | 49 | 56 |
| Total Impaired Operation | 42,363 | 38,292 | 36,342 | 35,546 | 34,690 | 35,302 | 32,381 |
| Fail or Refuse to Provide | | | | | | | |
| Breath Sample | 2,594 | 2,132 | 2,610 | 2,567 | 2,637 | 2,608 | 2,470 |
| Blood Sample | n.a. | n.a. | 42 | 52 | 54 | 59 | 62 |
| Total | 44,957 | 40,424 | 38,994 | 38,165 | 37,381 | 37,969 | 34,913 |

¹ Includes adults and juveniles.

Source: Traffic enforcement data were obtained from the Canada Centre for Justice Statistics, Statistics Canada.

TABLE I-21

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR ALCOHOL-INVOLVED PEDESTRIANS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

| Severity of Injury | Number of Accidents Involving Pedestrians with Ability Impaired by Drink or Who Had Been Drinking | | | | | | | |
|--------------------|---|------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 65 | 58 | 52 | 42 | 57 | 37 | 21 | 37 |
| Non-Fatal | 592 | 558 | 505 | 528 | 565 | 571 | 521 | 548 |
| Total | 657 | 616 | 557 | 570 | 622 | 608 | 542 | 585 |

| Severity of Injury | Rate Per 100,000 Accidents | | | | | | | |
|--------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 35.7 | 29.8 | 27.4 | 22.4 | 28.0 | 16.2 | 8.5 | 16.8 |
| Non-Fatal | 325.3 | 286.5 | 266.1 | 281.9 | 277.7 | 250.0 | 210.9 | 248.9 |
| Total | 361.0 | 316.3 | 293.5 | 304.3 | 305.8 | 266.2 | 219.4 | 265.7 |

| Severity of Injury | Percentage of Accidents Involving Pedestrians with Ability Impaired by Drink or Who Had Been Drinking Relative to Total Accidents ² | | | | | | | |
|--------------------|--|-------------|------------|------------|-------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 31.9 | 30.7 | 28.6 | 27.5 | 30.5 | 19.9 | 13.0 | 24.0 |
| Non-Fatal | 10.5 | 9.7 | 8.3 | 9.1 | 9.5 | 9.0 | 8.4 | 9.4 |
| Total | 11.3 | 10.3 | 8.9 | 9.6 | 10.2 | 9.3 | 8.5 | 9.8 |

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of accidents for alcohol-involved pedestrians relative to total pedestrian-related accidents within that class irrespective of pedestrian condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-22

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR DRUG-INVOLVED DRIVERS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

| Class of Accident | Number of Drivers Involved in Accidents with Ability Impaired by Drugs | | | | | | | |
|----------------------|--|------------|------------|-----------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 2 | — | — | — | — | 3 | 1 | 2 |
| Non-Fatal | 90 | 56 | 65 | 52 | 36 | 84 | 77 | 77 |
| Property Damage Only | 119 | 78 | 62 | 41 | 64 | 86 | 93 | 91 |
| Total | 211 | 134 | 127 | 93 | 100 | 173 | 171 | 170 |

| Class of Accident | Rate Per 100,000 Licensed Drivers | | | | | | | |
|----------------------|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | .. | — | — | — | — | .. | .. | .. |
| Non-Fatal | 1.7 | 1.0 | 1.1 | 0.9 | 0.6 | 1.4 | 1.2 | 1.2 |
| Property Damage Only | 2.2 | 1.4 | 1.1 | 0.7 | 1.1 | 1.4 | 1.5 | 1.4 |
| Total | 3.9 | 2.4 | 2.2 | 1.6 | 1.7 | 2.8 | 2.7 | 2.6 |

| Class of Accident | Percentage of Drivers Involved in Accidents with Ability Impaired by Drugs Relative to Total Drivers ² | | | | | | | |
|----------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | 0.13 | — | — | — | — | 0.17 | 0.05 | 0.12 |
| Non-Fatal | 0.09 | 0.05 | 0.05 | 0.04 | 0.02 | 0.06 | 0.05 | 0.06 |
| Property Damage Only | 0.06 | 0.04 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| Total | 0.07 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 |

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of drug-involved drivers relative to total drivers within that class irrespective of driver condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 — 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-23

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR DRUG-INVOLVED PEDESTRIANS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

| Severity of Injury | Number of Accidents Involving Pedestrians with Ability Impaired by Drugs | | | | | | | |
|--------------------|---|----------|-----------|----------|-----------|----------|----------|-----------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | — | — | — | — | — | 1 | — | — |
| Non-Fatal | 8 | 4 | 10 | 7 | 15 | 6 | 3 | 13 |
| Total | 8 | 4 | 10 | 7 | 15 | 7 | 3 | 13 |

| Severity of Injury | Rate Per 100,000 Accidents | | | | | | | |
|--------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | — | — | — | — | — | 0.4 | — | — |
| Non-Fatal | 4.4 | 2.1 | 5.3 | 3.7 | 7.4 | 2.6 | 1.2 | 5.9 |
| Total | 4.4 | 2.1 | 5.3 | 3.7 | 7.4 | 3.1 | 1.2 | 5.9 |

| Severity of Injury | Percentage of Accidents Involving Pedestrians with Ability Impaired by Drugs Relative to Total Accidents ² | | | | | | | |
|--------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Fatal | — | — | — | — | — | 0.54 | — | — |
| Non-Fatal | 0.14 | 0.07 | 0.16 | 0.12 | 0.25 | 0.09 | 0.05 | 0.22 |
| Total | 0.14 | 0.07 | 0.16 | 0.12 | 0.24 | 0.11 | 0.05 | 0.22 |

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of accidents for drug-involved pedestrians relative to total pedestrian-related accidents within that class irrespective of pedestrian condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 — 1989, 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-24

NUMBER OF LIQUOR ACT OFFENCES AND PERSONS CHARGED,
ONTARIO, 1983 TO 1990

| | Liquor Act Offences and Persons Charged | | | | | | | |
|---------------------------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Liquor Act Offences | 143,862 | 137,483 | 120,449 | 137,399 | 129,255 | 123,650 | 117,652 | 106,851 |
| Juvenile Offenders¹ | n.a. | n.a. | n.a. | 8,932 | 10,353 | 9,668 | 8,957 | 6,677 |
| Adults Charged | | | | | | | | |
| Males | 125,726 | 119,605 | 101,610 | 111,196 | 105,188 | 101,714 | 95,117 | 83,410 |
| Females | 10,864 | 11,246 | 10,088 | 11,995 | 10,948 | 11,267 | 10,666 | 9,913 |
| Total Adults | 136,590 | 130,851 | 111,698 | 123,191 | 116,136 | 112,981 | 105,783 | 93,323 |

¹ Includes both "juveniles charged" and "juveniles not charged". Data for the years 1983 to 1985, although available, was not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

Note: Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Sources: Statistics Canada, Canadian Crime Statistics 1983, 1984, 1985, 1986, 1987, 1988, 1989, and 1990 (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1985, 1986, 1987, 1988, 1989, 1990, and 1991 respectively).

TABLE I-25

NUMBER OF DRUG-RELATED OFFENCES AND PERSONS CHARGED, ONTARIO, 1983 TO 1990

| | Number of Drug-Related Offences | | | | | | | |
|-----------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Narcotic Control Act | | | | | | | | |
| Cannabis | 14,317 | 15,092 | 14,309 | 14,092 | 15,673 | 14,990 | 15,691 | 14,509 |
| Cocaine | 1,170 | 1,411 | 1,825 | 2,384 | 3,280 | 4,992 | 7,516 | 5,922 |
| Heroin | 355 | 179 | 273 | 347 | 269 | 410 | 425 | 515 |
| Other | 769 | 1,425 | 2,344 | 1,555 | 2,527 | 1,631 | 2,713 | 1,921 |
| Total | 16,611 | 18,107 | 18,751 | 18,378 | 21,749 | 22,023 | 26,345 | 22,867 |
| Food and Drugs Act | | | | | | | | |
| Controlled Drugs | 407 | 375 | 390 | 325 | 244 | 316 | 225 | 192 |
| Restricted Drugs | 839 | 584 | 662 | 619 | 861 | 590 | 673 | 473 |
| Total | 1,246 | 959 | 1,052 | 944 | 1,105 | 906 | 898 | 665 |
| Total | 17,857 | 19,066 | 19,803 | 19,322 | 22,854 | 22,929 | 27,243 | 23,532 |

| | Juvenile Offenders ¹ Involved in Drug-Related Offences | | | | | | | |
|-----------------------------|---|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Narcotic Control Act | | | | | | | | |
| Cannabis | n.a. | n.a. | n.a. | 1,591 | 1,173 | 1,216 | 1,323 | 1,175 |
| Cocaine | n.a. | n.a. | n.a. | 32 | 35 | 65 | 128 | 119 |
| Heroin | n.a. | n.a. | n.a. | 4 | 2 | 8 | 2 | 3 |
| Other | n.a. | n.a. | n.a. | 114 | 30 | 26 | 153 | 21 |
| Total | n.a. | n.a. | n.a. | 1,741 | 1,240 | 1,315 | 1,606 | 1,318 |
| Food and Drugs Act | | | | | | | | |
| Controlled Drugs | n.a. | n.a. | n.a. | 11 | 7 | 3 | 12 | 3 |
| Restricted Drugs | n.a. | n.a. | n.a. | 84 | 85 | 53 | 59 | 62 |
| Total | n.a. | n.a. | n.a. | 95 | 92 | 56 | 71 | 65 |
| Total | n.a. | n.a. | n.a. | 1,836 | 1,332 | 1,371 | 1,677 | 1,383 |

| | Number of Adult Males Charged | | | | | | | |
|-----------------------------|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Narcotic Control Act | | | | | | | | |
| Cannabis | 10,104 | 10,737 | 9,201 | 8,885 | 9,642 | 9,864 | 10,705 | 10,648 |
| Cocaine | 507 | 708 | 899 | 1,259 | 1,727 | 2,574 | 4,008 | 3,395 |
| Heroin | 141 | 77 | 102 | 150 | 133 | 166 | 215 | 246 |
| Other | 175 | 172 | 228 | 202 | 227 | 220 | 297 | 304 |
| Total | 10,927 | 11,694 | 10,430 | 10,496 | 11,729 | 12,824 | 15,225 | 14,593 |
| Food and Drugs Act | | | | | | | | |
| Controlled Drugs | 150 | 140 | 136 | 139 | 101 | 84 | 79 | 57 |
| Restricted Drugs | 531 | 360 | 379 | 396 | 501 | 335 | 391 | 295 |
| Total | 681 | 500 | 515 | 535 | 602 | 419 | 470 | 352 |
| Total | 11,608 | 12,194 | 10,945 | 11,031 | 12,331 | 13,243 | 15,695 | 14,945 |

TABLE I-25 (Concluded)

**NUMBER OF DRUG-RELATED OFFENCES AND PERSONS CHARGED,
ONTARIO, 1983 TO 1990**

| | Number of Adult Females Charged | | | | | | | |
|-----------------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Narcotic Control Act | | | | | | | | |
| Cannabis | 1,249 | 1,097 | 938 | 1,068 | 1,165 | 1,104 | 1,516 | 1,396 |
| Cocaine | 100 | 124 | 160 | 279 | 326 | 572 | 830 | 622 |
| Heroin | 45 | 17 | 27 | 32 | 29 | 37 | 48 | 67 |
| Other | 44 | 49 | 56 | 39 | 72 | 49 | 52 | 70 |
| Total | 1,438 | 1,287 | 1,181 | 1,418 | 1,592 | 1,762 | 2,446 | 2,155 |
| Food and Drugs Act | | | | | | | | |
| Controlled Drugs | 38 | 37 | 31 | 34 | 27 | 14 | 17 | 12 |
| Restricted Drugs | 79 | 50 | 46 | 55 | 72 | 41 | 60 | 44 |
| Total | 117 | 87 | 77 | 89 | 99 | 55 | 77 | 56 |
| Total | 1,555 | 1,374 | 1,258 | 1,507 | 1,691 | 1,817 | 2,523 | 2,211 |

| | Total Number of Adults Charged | | | | | | | |
|-----------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| Narcotic Control Act | | | | | | | | |
| Cannabis | 11,353 | 11,834 | 10,139 | 9,953 | 10,807 | 10,968 | 12,221 | 12,044 |
| Cocaine | 607 | 832 | 1,059 | 1,538 | 2,053 | 3,146 | 4,838 | 4,017 |
| Heroin | 186 | 94 | 129 | 182 | 162 | 203 | 263 | 313 |
| Other | 219 | 221 | 284 | 241 | 299 | 269 | 349 | 374 |
| Total | 12,365 | 12,981 | 11,611 | 11,914 | 13,321 | 14,586 | 17,671 | 16,748 |
| Food and Drugs Act | | | | | | | | |
| Controlled Drugs | 188 | 177 | 167 | 173 | 128 | 98 | 96 | 69 |
| Restricted Drugs | 610 | 410 | 425 | 451 | 573 | 376 | 451 | 339 |
| Total | 798 | 587 | 592 | 624 | 701 | 474 | 547 | 408 |
| Total | 13,163 | 13,568 | 12,203 | 12,538 | 14,022 | 15,060 | 18,218 | 17,156 |

¹ Includes both "juveniles charged" and "juveniles not charged". Data for the years 1983 to 1985, although available, was not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

Note: Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Sources: Statistics Canada, Canadian Crime Statistics 1983, 1984, 1985, 1986, 1987, 1988, 1989 and 1990 (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1985, 1986, 1987, 1988, 1989, 1990, and 1991 respectively).

TABLE I-26

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY AGE AND SEX, ONTARIO, 1987 TO 1989

| Age | Narcotic Control Act | | | | | | | | |
|-------------|----------------------|-------|-------|--------|------|------|-------|-------|-------|
| | Male | | | Female | | | Total | | |
| | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 |
| Under 15 | 1 | 2 | 2 | — | — | — | 1 | 2 | 2 |
| 15 - 19 | 42 | 84 | 99 | 16 | 22 | 25 | 58 | 106 | 124 |
| 20 - 24 | 376 | 457 | 633 | 52 | 81 | 82 | 428 | 538 | 715 |
| 25 - 29 | 509 | 561 | 688 | 189 | 165 | 98 | 698 | 726 | 786 |
| 30 - 39 | 690 | 659 | 703 | 134 | 198 | 83 | 824 | 857 | 786 |
| 40 - 49 | 91 | 120 | 142 | 92 | 56 | 38 | 183 | 176 | 180 |
| 50 - 59 | 29 | 22 | 8 | — | — | 13 | 29 | 22 | 21 |
| 60 and over | 4 | 5 | 3 | 1 | 16 | 1 | 5 | 21 | 4 |
| Unknown | 8 | 50 | 35 | 20 | 33 | 5 | 28 | 83 | 40 |
| Total | 1,750 | 1,960 | 2,313 | 504 | 571 | 345 | 2,254 | 2,531 | 2,658 |

| Age | Food and Drugs Act - Controlled Drugs | | | | | | | | |
|-------------|---------------------------------------|------|------|--------|------|------|-------|------|------|
| | Male | | | Female | | | Total | | |
| | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 |
| Under 15 | — | — | — | — | — | — | — | — | — |
| 15 - 19 | — | — | — | — | — | — | — | — | — |
| 20 - 24 | 1 | 2 | — | 2 | 5 | — | 3 | 7 | — |
| 25 - 29 | 16 | 5 | 1 | 9 | — | 1 | 25 | 5 | 2 |
| 30 - 39 | 48 | 19 | 6 | 2 | 1 | 2 | 50 | 20 | 8 |
| 40 - 49 | 6 | 5 | 1 | 2 | — | — | 8 | 5 | 1 |
| 50 - 59 | — | 8 | — | — | — | — | — | 8 | — |
| 60 and over | — | — | — | — | 8 | — | — | 8 | — |
| Unknown | — | 2 | — | — | 1 | — | — | 3 | — |
| Total | 71 | 41 | 8 | 15 | 15 | 3 | 86 | 56 | 11 |

| Age | Food and Drugs Act - Restricted Drugs | | | | | | | | |
|-------------|---------------------------------------|------|------|--------|------|------|-------|------|------|
| | Male | | | Female | | | Total | | |
| | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 |
| Under 15 | 2 | 1 | 1 | 1 | — | — | 3 | 1 | 1 |
| 15 - 19 | 119 | 92 | 76 | 13 | 11 | 5 | 132 | 103 | 81 |
| 20 - 24 | 189 | 134 | 97 | 14 | 19 | 9 | 203 | 153 | 106 |
| 25 - 29 | 100 | 83 | 66 | 11 | 3 | 7 | 111 | 86 | 73 |
| 30 - 39 | 46 | 40 | 40 | 4 | 5 | 3 | 50 | 45 | 43 |
| 40 - 49 | 8 | 5 | 7 | — | 2 | — | 8 | 7 | 7 |
| 50 - 59 | 2 | — | — | — | — | — | 2 | — | — |
| 60 and over | — | — | — | — | — | — | — | — | — |
| Unknown | 4 | 6 | 5 | — | — | — | 4 | 6 | 5 |
| Total | 470 | 361 | 292 | 43 | 40 | 24 | 513 | 401 | 316 |

TABLE I-26 (Concluded)

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY AGE AND SEX, ONTARIO, 1987 TO 1989

| Age | Total Federal Drug Acts | | | | | | | | |
|-------------|-------------------------|-------|-------|--------|------|------|-------|-------|-------|
| | Male | | | Female | | | Total | | |
| | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 |
| Under 15 | 3 | 3 | 3 | 1 | — | — | 4 | 3 | 3 |
| 15 – 19 | 161 | 176 | 175 | 29 | 33 | 30 | 190 | 209 | 205 |
| 20 – 24 | 566 | 593 | 730 | 68 | 105 | 91 | 634 | 698 | 821 |
| 25 – 29 | 625 | 649 | 755 | 209 | 168 | 106 | 834 | 817 | 861 |
| 30 – 39 | 784 | 718 | 749 | 140 | 204 | 88 | 924 | 922 | 837 |
| 40 – 49 | 105 | 130 | 150 | 94 | 58 | 38 | 199 | 188 | 188 |
| 50 – 59 | 31 | 30 | 8 | — | — | 13 | 31 | 30 | 21 |
| 60 and over | 4 | 5 | 3 | 1 | 24 | 1 | 5 | 29 | 4 |
| Unknown | 12 | 58 | 40 | 20 | 34 | 5 | 32 | 92 | 45 |
| Total | 2,291 | 2,362 | 2,613 | 562 | 626 | 372 | 2,853 | 2,988 | 2,985 |

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE I-27

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY TYPE OF DRUG, ONTARIO, 1983 TO 1989

| Type of Drug | Narcotic Control Act | | | | | | |
|---------------|----------------------|------------|--------------|--------------|--------------|--------------|--------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| Cocaine | 384 | 600 | 786 | 876 | 1,167 | 1,759 | 2,271 |
| Codeine | 45 | 121 | 378 | 441 | 508 | 442 | 189 |
| Heroin | 61 | 81 | 111 | 62 | 60 | 97 | 108 |
| Hydrocodone | 86 | 50 | 117 | 74 | 50 | 37 | — |
| Oxycodone | 59 | 35 | 97 | 36 | 292 | 164 | 68 |
| Pentazocine | — | 3 | 3 | 8 | 83 | 8 | 5 |
| Phencyclidine | 52 | 33 | 26 | 11 | 6 | 3 | 6 |
| Others | 43 | 27 | 50 | 49 | 88 | 21 | 11 |
| Total | 730 | 950 | 1,568 | 1,557 | 2,254 | 2,531 | 2,658 |

| Type of Drug | Food and Drugs Act — Controlled Drugs | | | | | | |
|-----------------|---------------------------------------|-----------|-----------|------------|-----------|-----------|-----------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| Amphetamines | 7 | 5 | 1 | 2 | 2 | 4 | 1 |
| Barbiturates | 5 | 6 | 3 | 47 | 38 | 10 | 1 |
| Methamphetamine | 54 | 50 | 59 | 53 | 40 | 19 | 8 |
| Methylphenidate | — | 1 | — | 1 | 2 | 21 | — |
| Others | 4 | 1 | — | 3 | 4 | 2 | 1 |
| Total | 70 | 63 | 63 | 106 | 86 | 56 | 11 |

| Type of Drug | Food and Drugs Act — Restricted Drugs | | | | | | |
|--------------|---------------------------------------|------------|------------|------------|------------|------------|------------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| L.S.D. | 494 | 410 | 341 | 312 | 379 | 284 | 225 |
| M.D.A. | 14 | 9 | 14 | 3 | 1 | 1 | — |
| Psilocybin | 90 | 86 | 80 | 74 | 129 | 112 | 91 |
| Other | 5 | — | — | — | 4 | 4 | — |
| Total | 603 | 505 | 435 | 389 | 513 | 401 | 316 |

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE I-28

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY SECTION, ONTARIO, 1983 TO 1989

| Section | Narcotic Control Act | | | | | | |
|---|----------------------|------|-------|-------|-------|-------|-------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| Possession | 328 | 462 | 571 | 649 | 796 | 1,103 | 1,477 |
| Trafficking | 149 | 208 | 287 | 226 | 305 | 595 | 640 |
| Possession for the Purpose of Trafficking | 76 | 92 | 127 | 126 | 176 | 206 | 269 |
| Importing | 9 | 3 | 4 | 6 | 15 | 8 | 15 |
| Multiple Doctoring | 168 | 185 | 579 | 550 | 962 | 619 | 257 |
| Total | 730 | 950 | 1,568 | 1,557 | 2,254 | 2,531 | 2,658 |

| Section | Food and Drugs Act – Controlled Drugs | | | | | | |
|---|---------------------------------------|------|------|------|------|------|------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| Multiple Doctoring | 36 | 41 | 37 | 35 | 26 | 24 | 7 |
| Trafficking | 34 | 22 | 26 | 25 | 24 | 12 | 4 |
| Possession for the Purpose of Trafficking | – | – | – | 46 | 36 | 20 | – |
| Total | 70 | 63 | 63 | 106 | 86 | 56 | 11 |

| Section | Food and Drugs Act – Restricted Drugs | | | | | | |
|---|---------------------------------------|------|------|------|------|------|------|
| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| Possession | 343 | 261 | 247 | 217 | 284 | 239 | 188 |
| Trafficking | 141 | 125 | 77 | 74 | 112 | 94 | 66 |
| Possession for the Purpose of Trafficking | 119 | 119 | 111 | 98 | 117 | 68 | 62 |
| Total | 603 | 505 | 435 | 389 | 513 | 401 | 316 |

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE I-29

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1, 2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1988-89

| Characteristics of Population | Hospital – Based | | | | Community – Based | | | | Total Number |
|-------------------------------|------------------|--------------------------|-------------------|----------------------|--------------------------|-------------------------|-------------------|----------------------|--------------|
| | Detox | Short – Term Residential | Non – Residential | Assessment /Referral | Short – Term Residential | Long – Term Residential | Non – Residential | Assessment /Referral | |
| | | | | | | | | | |
| Facilities Surveyed | 24 | 18 | 25 | 7 | 25 | 55 | 35 | 28 | 217 |
| Facilities Responding | 24 | 18 | 24 | 7 | 25 | 53 | 32 | 28 | 211 |
| Total Cases ^{3, 4} | 14,609 | 13,307 | 6,634 | 1,745 | 6,946 | 9,021 | 6,198 | 8,675 | 67,135 |
| Type of Problems: | | | | | | | | | |
| Alcohol | 8,317 | 4,209 | 2,843 | 810 | 3,124 | 3,311 | 1,707 | 3,788 | 28,109 |
| Drugs | 1,411 | 2,171 | 866 | 166 | 413 | 741 | 579 | 1,204 | 7,551 |
| Alcohol/drugs combined | 4,553 | 4,532 | 1,737 | 398 | 2,889 | 4,511 | 2,750 | 2,635 | 24,005 |
| Substance unspecified | – | – | – | – | – | 95 | – | – | 95 |
| Total | 14,281 | 10,912 | 5,446 | 1,374 | 6,426 | 8,658 | 5,036 | 7,627 | 59,760 |
| Sex: ⁵ | | | | | | | | | |
| Male | 12,486 | 7,457 | 4,092 | 961 | 4,802 | 6,127 | 3,551 | 5,577 | 45,053 |
| Female | 1,795 | 3,455 | 1,355 | 414 | 1,624 | 794 | 1,485 | 2,049 | 12,971 |
| Total | 14,281 | 10,912 | 5,447 | 1,375 | 6,426 | 6,921 | 5,036 | 7,626 | 58,024 |
| Age: ⁵ | | | | | | | | | |
| Under 16 | 11 | 64 | 144 | 38 | 3 | 113 | 374 | 123 | 870 |
| 16–17 | 152 | 159 | 130 | 83 | 151 | 283 | 521 | 495 | 1,974 |
| 18–24 | 1,755 | 1,385 | 879 | 282 | 1,177 | 1,200 | 1,912 | 1,693 | 10,283 |
| 25–34 | 3,997 | 4,043 | 1,926 | 445 | 2,619 | 2,364 | 1,182 | 2,534 | 19,110 |
| 35–54 | 6,080 | 3,265 | 1,775 | 426 | 1,892 | 2,381 | 685 | 2,308 | 18,812 |
| 55–64 | 1,738 | 837 | 437 | 74 | 449 | 431 | 149 | 340 | 4,455 |
| 65 and over | 492 | 198 | 156 | 26 | 101 | 92 | 188 | 150 | 1,403 |
| Total | 14,225 | 9,951 | 5,447 | 1,374 | 6,392 | 6,864 | 5,011 | 7,643 | 56,907 |

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1, 2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1989-90

| Characteristics of Population | Hospital - Based | | | | Community - Based | | | | Total Number |
|--------------------------------|------------------|------------------------|-----------------|----------------------|------------------------|-----------------------|-----------------|----------------------|---------------|
| | Detox | Short-Term Residential | Non-Residential | Assessment /Referral | Short-Term Residential | Long-Term Residential | Non-Residential | Assessment /Referral | |
| Ethnicity: ⁵ | | | | | | | | | |
| English | 10,590 | 8,135 | 4,517 | 1,240 | 4,524 | 6,885 | 4,382 | 6,883 | 47,156 |
| French | 781 | 313 | 301 | 48 | 1,229 | 905 | 230 | 402 | 4,209 |
| Native | 1,790 | 327 | 284 | 86 | 375 | 478 | 252 | 221 | 3,813 |
| Other | 1,120 | 295 | 246 | - | 297 | 389 | 176 | 121 | 2,644 |
| Total | 14,281 | 9,070 | 5,348 | 1,374 | 6,425 | 8,657 | 5,040 | 7,627 | 57,822 |
| Employment Status: | | | | | | | | | |
| Employment full-time | 2,526 | 5,574 | 3,083 | 621 | 2,578 | 3,567 | 1,782 | 3,922 | 23,653 |
| Unemployed or disabled | 6,752 | 3,893 | 1,716 | 429 | 3,047 | 4,032 | 1,615 | 2,282 | 23,766 |
| Other ⁶ | 3,800 | 1,445 | 562 | 325 | 766 | 635 | 1,514 | 1,424 | 10,471 |
| Total | 13,078 | 10,912 | 5,361 | 1,375 | 6,391 | 8,234 | 4,911 | 7,628 | 57,890 |

¹ Alcohol and/or drug treatment resources included in the survey had to be operative as of March 31, 1989 and have as one of their major goals the management/treatment of addiction problems. In addition, they had to be viewed by other community services as specializing in the delivery of services to persons with addiction problems. A number of other resources involved in the treatment of addictions were excluded from this survey. These include the following: Alcoholics Anonymous, Al-Anon, Alateen and Women for Sobriety; services offered by groups such as physicians, psychiatrists, general hospitals and social workers; psychiatric hospitals, psychiatric units in general hospitals and community mental health clinics unless they provided a program specifically for alcohol or drug dependent individuals; specialized counselling services provided in some communities by private psychologists, social workers and other professionals on a fee-for-service basis unless these services were deemed to be an integral part of the local network of services; and native alcohol programs and corrections - based alcohol education services unless there was a significant treatment component to the program.

² Resources were classified as follows: Detox - a facility providing a short stay allowing the safe withdrawal from alcohol and/or drug intoxication as defined by the province. This also includes the Pinewood Primary Care and Detox program; Residential - any programs which had treatment beds for an overnight stay. Many of these programs also provide non-residential services (eg. outpatient, aftercare); Assessment/Referral - programs intended primarily to assess cases and refer them to local treatment. A small number of these were affiliated with hospitals but were included with community-based services for ease of reporting. The extent to which a program was affiliated with a hospital for fiscal and/or administrative reasons determined its placement in the hospital-based or community-based category. The treatment or rehabilitation service provided while they reside in-house may be short term (less than 40 days) or long term (greater than 40 days) and may include emergency shelter/care.

TABLE I-29 (Concluded)

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1, 2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1989-90

³ Refers to the number of persons seen, excluding readmissions to the same program during the reporting period. Admissions by the same person to more than one program are counted, however, making the actual number of persons treated less than reported above.

⁴ Includes 6,393 family members of individuals with substance abuse problems and 982 cases with non-substance abuse problems.

⁵ Excludes data for 1,736 cases for whom sex information was not available, 2,853 cases for whom age was unknown, 1,938 cases for whom ethnicity was not available and 1,870 cases for whom data on unemployment status was not available.

⁶ Includes students, homemakers and retired individuals.

Note: The data are based on a province-wide survey conducted by staff of the Community Programs Department of the Addiction Research Foundation. Personal interviews and questionnaires mailed to remote northern regions were used to gather the information. In addition to the above programs, there were 2 programs that dealt almost exclusively with the treatment of family members of persons with substance abuse problems. These 2 programs handled an additional 2,359 cases.

Source: Rush, B. and Tyas, S., Alcohol and Other Drug Services in Ontario: Results of a Provincial Survey, 1989 (Toronto: Addiction Research Foundation, 1990).

STATISTICS ON DETOX CENTRES, ONTARIO, 1988

| Community | Admissions ¹ | | First ² Admissions | Number of Re-entries | Number Referred by | | | | Total |
|--------------------------------|-------------------------|--------------|----------------------------------|-------------------------|--------------------|--------------|-----------------|--------------------|---------------|
| | Male | Female | | | Police | Hospital | Self Friend, AA | Other ³ | |
| Barrie | 536 | 138 | 422 | 252 | 57 | 65 | 278 | 154 | 674 |
| Cornwall | 992 | 111 | 389 | 714 | 107 | 72 | 634 | 126 | 1,103 |
| Hamilton Detox Centre | 1,656 | - | 299 | 1,357 | 305 | 99 | 1,039 | 77 | 1,656 |
| Hamilton - Women's Detox | - | 392 | 172 | 220 | 20 | 30 | 183 | 76 | 392 |
| Kenora | 2,692 | 851 | 440 | 3,103 | 47 | 251 | 2,648 | 197 | 3,543 |
| Kingston | 1,010 | 149 | 325 | 834 | 76 | 91 | 674 | 129 | 1,159 |
| Kitchener - Waterloo | 2,014 | 98 | 392 | 1,720 | 269 | 185 | 1,366 | 222 | 2,112 |
| London | 3,381 | 252 | 699 | 2,934 | 1,072 | 135 | 1,636 | 558 | 3,633 |
| Ottawa | 3,677 | 444 | 1,009 | 3,112 | 417 | 211 | 2,456 | 444 | 4,121 |
| Owen Sound | 487 | 56 | 210 | 333 | 76 | 51 | 218 | 111 | 543 |
| Sault Ste. Marie | 1,284 | 159 | 224 | 1,219 | 87 | 77 | 1,031 | 191 | 1,443 |
| Simcoe ⁴ | 63 | 11 | 61 | 13 | 1 | 3 | 33 | 16 | 74 |
| St. Catharines | 1,301 | - | 314 | 987 | 74 | 102 | 789 | 209 | 1,301 |
| St. Catharines - Women's Detox | - | 461 | 131 | 330 | 12 | 38 | 263 | 119 | 461 |
| Sudbury | 2,000 | - | 297 | 1,703 | 222 | 48 | 1,492 | 124 | 2,000 |
| Thunder Bay | 1,103 | 163 | 212 | 1,054 | 125 | 277 | 656 | 84 | 1,266 |
| Toronto - ARF Detox | 1,774 | 613 | 642 | 1,745 | 437 | 335 | 1,119 | 121 | 2,387 |
| Toronto - East General Detox | 2,308 | - | 532 | 1,776 | 379 | 132 | 1,286 | 155 | 2,308 |
| Toronto - St. Joseph's Detox | 2,202 | 224 | 613 | 1,813 | 358 | 503 | 1,139 | 245 | 2,426 |
| Toronto - St. Michael's Detox | 2,282 | - | 452 | 1,830 | 386 | 139 | 1,418 | 46 | 2,282 |
| Toronto - West Central | 1,772 | - | 341 | 1,431 | 540 | 497 | 633 | 26 | 1,772 |
| Windsor - Western Detox | 2,022 | - | 312 | 1,710 | 337 | 117 | 1,123 | 149 | 2,022 |
| Windsor - Women's Detox | - | 248 | 109 | 139 | 25 | 17 | 111 | 37 | 248 |
| Totals | 34,556 | 4,370 | 8,597 | 30,329 | 5,429 | 3,475 | 22,225 | 3,616 | 38,926 |

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

⁴ These figures correspond to less than a full year of operation, the centre having opened in September 1988.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

TABLE I-31

STATISTICS ON DETOX CENTRES, ONTARIO, 1989

| Community | Admissions ¹ | | First ² Admissions | Number of Re-entries | Number Referred by | | | | | Total |
|--------------------------------|-------------------------|--------|----------------------------------|-------------------------|--------------------|----------|-----------------|--------------------|-------|--------|
| | Male | Female | | | Police | Hospital | Family, | | | |
| | | | | | | | Self Friend, AA | Other ³ | | |
| Barrie | 585 | 225 | 490 | 320 | 51 | 65 | 337 | 147 | 210 | 810 |
| Cornwall | 872 | 90 | 343 | 619 | 59 | 70 | 657 | 42 | 134 | 962 |
| Hamilton Detox Centre | 1,826 | — | 335 | 1,491 | 454 | 83 | 1,099 | 53 | 137 | 1,826 |
| Hamilton — Women's Detox | — | 508 | 159 | 349 | 30 | 28 | 318 | 48 | 84 | 508 |
| Kenora | 2,659 | 880 | 333 | 3,206 | 48 | 275 | 2,510 | 180 | 526 | 3,539 |
| Kingston | 1,040 | 176 | 388 | 828 | 92 | 101 | 678 | 177 | 168 | 1,216 |
| Kitchener — Waterloo | 1,938 | 116 | 412 | 1,642 | 302 | 189 | 1,234 | 196 | 133 | 2,054 |
| London | 3,505 | 313 | 730 | 3,088 | 1,396 | 105 | 1,481 | 597 | 239 | 3,818 |
| Ottawa | 3,458 | 468 | 1,112 | 2,814 | 386 | 185 | 2,307 | 470 | 578 | 3,926 |
| Owen Sound | 423 | 64 | 202 | 285 | 39 | 41 | 220 | 86 | 101 | 487 |
| Sault Ste. Marie | 1,816 | 140 | 236 | 1,720 | 91 | 89 | 1,471 | 245 | 60 | 1,956 |
| Simcoe | 383 | 77 | 305 | 155 | 37 | 19 | 275 | 96 | 33 | 460 |
| Smooth Rock Falls ⁴ | 21 | 4 | 20 | 5 | — | 8 | 3 | 2 | 12 | 25 |
| St. Catharines | 1,150 | — | 306 | 844 | 94 | 92 | 647 | 123 | 194 | 1,150 |
| St. Catharines — Women's Detox | — | 358 | 148 | 210 | 6 | 22 | 159 | 122 | 49 | 358 |
| Sudbury | 2,162 | — | 304 | 1,858 | 174 | 99 | 1,663 | 98 | 128 | 2,162 |
| Thunder Bay | 1,090 | 140 | 270 | 960 | 191 | 257 | 452 | 66 | 264 | 1,230 |
| Toronto — ARF Detox | 1,600 | 528 | 699 | 1,429 | 452 | 316 | 879 | 115 | 366 | 2,128 |
| Toronto — East General Detox | 2,214 | — | 496 | 1,718 | 332 | 128 | 1,291 | 138 | 325 | 2,214 |
| Toronto — St. Joseph's Detox | 1,864 | 213 | 629 | 1,448 | 312 | 400 | 1,077 | 187 | 101 | 2,077 |
| Toronto — St. Michael's Detox | 2,218 | — | 489 | 1,729 | 320 | 180 | 1,382 | 80 | 256 | 2,218 |
| Toronto — West Central | 3,042 | — | 587 | 2,455 | 809 | 452 | 1,535 | 76 | 170 | 3,042 |
| Windsor — Western Detox | 1,893 | — | 283 | 1,610 | 305 | 120 | 1,091 | 153 | 224 | 1,893 |
| Windsor — Women's Detox | — | 278 | 100 | 178 | 24 | 24 | 132 | 34 | 64 | 278 |
| Totals | 35,759 | 4,578 | 9,376 | 30,961 | 6,004 | 3,348 | 22,898 | 3,531 | 4,556 | 40,337 |

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

⁴ These figures correspond to less than a full year of operation, the centre having opened in November, 1989.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

STATISTICS ON DETOX CENTRES, ONTARIO, 1990

| Community | Admissions ¹ | | First ² | | Number of Re-entries | Number Referred by | | | | Total |
|--------------------------------|-------------------------|--------------|--------------------|--|----------------------|--------------------|--------------|---------------|--------------------|--------------------|
| | Male | Female | Admissions | | | Police | Hospital | Self | Family, Friend, AA | Other ³ |
| Barrie | 710 | 177 | 486 | | 401 | 51 | 82 | 399 | 135 | 220 |
| Cornwall | 682 | 97 | 292 | | 487 | 48 | 76 | 469 | 22 | 164 |
| Hamilton Detox Centre | 2,280 | - | 318 | | 1,962 | 515 | 86 | 1,486 | 79 | 114 |
| Hamilton - Women's Detox | - | 432 | 115 | | 317 | 19 | 24 | 265 | 62 | 62 |
| Kenora | 2,853 | 958 | 224 | | 3,587 | 53 | 263 | 2,841 | 146 | 508 |
| Kingston | 974 | 179 | 371 | | 782 | 110 | 89 | 658 | 162 | 134 |
| Kitchener - Waterloo | 2,388 | 124 | 366 | | 2,146 | 399 | 163 | 1,662 | 190 | 98 |
| London | 3,238 | 319 | 852 | | 2,705 | 1,165 | 151 | 1,372 | 588 | 281 |
| Ottawa | 3,319 | 478 | 919 | | 2,878 | 368 | 230 | 2,190 | 349 | 660 |
| Owen Sound | 471 | 57 | 198 | | 330 | 52 | 57 | 259 | 63 | 97 |
| Sault Ste. Marie | 1,746 | 208 | 376 | | 1,578 | 115 | 92 | 1,430 | 252 | 65 |
| Simcoe | 534 | 93 | 374 | | 253 | 57 | 21 | 379 | 106 | 64 |
| Smooth Rock Falls | 160 | 38 | 118 | | 80 | 10 | 23 | 69 | 15 | 81 |
| St. Catharines | 1,406 | - | 374 | | 1,032 | 95 | 151 | 745 | 224 | 191 |
| St. Catharines - Women's Detox | - | 309 | 126 | | 183 | 12 | 21 | 107 | 94 | 75 |
| Sudbury | 1,994 | - | 274 | | 1,720 | 192 | 126 | 1,389 | 153 | 134 |
| Thunder Bay | 1,165 | 230 | 402 | | 993 | 329 | 385 | 308 | 96 | 277 |
| Toronto - ARF Detox | 1,606 | 528 | 689 | | 1,445 | 563 | 336 | 819 | 85 | 331 |
| Toronto - East General Detox | 2,549 | - | 505 | | 2,044 | 381 | 152 | 1,524 | 132 | 360 |
| Toronto - St. Joseph's Detox | 1,794 | 154 | 593 | | 1,355 | 277 | 278 | 1,133 | 135 | 125 |
| Toronto - St. Michael's Detox | 2,213 | - | 486 | | 1,727 | 354 | 126 | 1,420 | 75 | 238 |
| Toronto - West Central | 3,559 | - | 591 | | 2,968 | 880 | 543 | 1,797 | 97 | 242 |
| Windsor - Western Detox | 1,713 | - | 277 | | 1,436 | 197 | 87 | 988 | 175 | 266 |
| Windsor - Women's Detox | - | 410 | 117 | | 293 | 12 | 33 | 212 | 66 | 87 |
| TOTALS | 37,354 | 4,791 | 9,443 | | 32,702 | 6,254 | 3,595 | 23,921 | 3,501 | 4,874 |
| | | | | | | | | | | 42,145 |

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

TABLE I-33

ALCOHOL-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

| Age | Alcoholic Psychoses | | | | | |
|---------|---------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | - | - | - | 1 | - | 1 |
| 15-19 | 1 | 1 | 2 | - | - | - |
| 20-24 | 15 | 4 | 19 | 5 | 2 | 7 |
| 25-34 | 133 | 40 | 173 | 47 | 11 | 58 |
| 35-44 | 291 | 79 | 370 | 89 | 25 | 114 |
| 45-54 | 257 | 70 | 327 | 125 | 31 | 156 |
| 55-64 | 265 | 70 | 335 | 193 | 32 | 225 |
| 65+ | 206 | 66 | 272 | 276 | 94 | 370 |
| Unknown | - | - | - | - | - | - |
| Total | 1,168 | 330 | 1,498 | 736 | 195 | 931 |

| Age | Alcohol Dependence Syndrome | | | | | |
|---------|-----------------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 6 | 4 | 10 | 1 | 7 | 8 |
| 15-19 | 70 | 33 | 103 | 50 | 35 | 85 |
| 20-24 | 164 | 60 | 224 | 201 | 83 | 284 |
| 25-34 | 714 | 233 | 947 | 820 | 347 | 1,167 |
| 35-44 | 907 | 317 | 1,224 | 1,156 | 402 | 1,558 |
| 45-54 | 730 | 261 | 991 | 1,272 | 414 | 1,686 |
| 55-64 | 637 | 200 | 837 | 1,596 | 420 | 2,016 |
| 65+ | 471 | 187 | 658 | 1,815 | 566 | 2,381 |
| Unknown | 2 | - | 2 | 2 | - | 2 |
| Total | 3,701 | 1,295 | 4,996 | 6,913 | 2,274 | 9,187 |

| Age | Nondependent Abuse of Alcohol | | | | | |
|---------|-------------------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 60 | 64 | 124 | 5 | 10 | 15 |
| 15-19 | 156 | 98 | 254 | 97 | 60 | 157 |
| 20-24 | 73 | 21 | 94 | 168 | 54 | 222 |
| 25-34 | 131 | 70 | 201 | 338 | 111 | 449 |
| 35-44 | 123 | 53 | 176 | 224 | 95 | 319 |
| 45-54 | 67 | 46 | 113 | 132 | 54 | 186 |
| 55-64 | 52 | 32 | 84 | 163 | 62 | 225 |
| 65+ | 40 | 34 | 74 | 155 | 64 | 219 |
| Unknown | - | - | - | 3 | - | 3 |
| Total | 702 | 418 | 1,120 | 1,285 | 510 | 1,795 |

TABLE I-33 (Concluded)

ALCOHOL-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

| Age | Chronic Liver Disease and Cirrhosis | | | | | |
|--------------|-------------------------------------|--------------|--------------|---------------------|--------------|--------------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 15 | 21 | 36 | 38 | 17 | 55 |
| 15-19 | 9 | 15 | 24 | 11 | 21 | 32 |
| 20-24 | 14 | 8 | 22 | 14 | 18 | 32 |
| 25-34 | 122 | 45 | 167 | 89 | 70 | 159 |
| 35-44 | 396 | 138 | 534 | 290 | 138 | 428 |
| 45-54 | 393 | 257 | 650 | 448 | 246 | 694 |
| 55-64 | 628 | 304 | 932 | 869 | 434 | 1,303 |
| 65+ | 608 | 419 | 1,027 | 1,134 | 760 | 1,894 |
| Unknown | 1 | - | 1 | - | - | - |
| Total | 2,186 | 1,207 | 3,393 | 2,893 | 1,704 | 4,597 |

| Age | Toxic Effects of Alcohol | | | | | |
|--------------|--------------------------|------------|------------|---------------------|-----------|------------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 32 | 33 | 65 | 1 | 4 | 5 |
| 15-19 | 23 | 21 | 44 | 6 | 6 | 12 |
| 20-24 | 26 | 11 | 37 | 18 | 6 | 24 |
| 25-34 | 23 | 29 | 52 | 20 | 23 | 43 |
| 35-44 | 28 | 24 | 52 | 16 | 18 | 34 |
| 45-54 | 20 | 16 | 36 | 7 | 10 | 17 |
| 55-64 | 12 | 4 | 16 | 9 | 2 | 11 |
| 65+ | 8 | 4 | 12 | 4 | 8 | 12 |
| Unknown | - | - | - | - | - | - |
| Total | 172 | 142 | 314 | 81 | 77 | 158 |

| Age | Total | | | | | |
|--------------|-------------------|--------------|---------------|---------------------|--------------|---------------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 113 | 122 | 235 | 46 | 38 | 84 |
| 15-19 | 259 | 168 | 427 | 164 | 122 | 286 |
| 20-24 | 292 | 104 | 396 | 406 | 163 | 569 |
| 25-34 | 1,123 | 417 | 1,540 | 1,314 | 562 | 1,876 |
| 35-44 | 1,745 | 611 | 2,356 | 1,775 | 678 | 2,453 |
| 45-54 | 1,467 | 650 | 2,117 | 1,984 | 755 | 2,739 |
| 55-64 | 1,594 | 610 | 2,204 | 2,830 | 950 | 3,780 |
| 65+ | 1,333 | 710 | 2,043 | 3,384 | 1,492 | 4,876 |
| Unknown | 3 | - | 3 | 5 | - | 5 |
| Total | 7,929 | 3,392 | 11,321 | 11,908 | 4,760 | 16,668 |

¹ For medical conditions included under each diagnostic category see Technical Notes.

Source: Hospital Medical Records Institute, special data tape.

TABLE I-34

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Drug Psychoses

| Age | Primary Diagnosis | | | Secondary Diagnosis | | |
|---------|-------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 1 | 1 | 2 | 2 | 2 | 4 |
| 15-19 | 19 | 11 | 30 | 6 | 3 | 9 |
| 20-24 | 35 | 10 | 45 | 26 | 4 | 30 |
| 25-34 | 89 | 50 | 139 | 26 | 21 | 47 |
| 35-44 | 29 | 28 | 57 | 9 | 22 | 31 |
| 45-54 | 8 | 15 | 23 | 5 | 22 | 27 |
| 55-64 | 12 | 12 | 24 | 15 | 19 | 34 |
| 65+ | 20 | 38 | 58 | 29 | 61 | 90 |
| Unknown | - | - | - | - | - | - |
| Total | 213 | 165 | 378 | 118 | 154 | 272 |

Drug Dependence

| Age | Primary Diagnosis | | | Secondary Diagnosis | | |
|---------|-------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 4 | 2 | 6 | 3 | 6 | 9 |
| 15-19 | 68 | 31 | 99 | 20 | 35 | 55 |
| 20-24 | 128 | 82 | 210 | 82 | 54 | 136 |
| 25-34 | 514 | 208 | 722 | 218 | 195 | 413 |
| 35-44 | 159 | 300 | 459 | 99 | 99 | 198 |
| 45-54 | 34 | 46 | 80 | 28 | 61 | 89 |
| 55-64 | 15 | 27 | 42 | 34 | 55 | 89 |
| 65+ | 17 | 5 | 22 | 56 | 99 | 155 |
| Unknown | 1 | - | 1 | - | - | - |
| Total | 940 | 701 | 1,641 | 540 | 604 | 1,144 |

Nondependent Abuse of Drugs (Excluding Alcohol)

| Age | Primary Diagnosis | | | Secondary Diagnosis | | |
|---------|-------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 5 | 9 | 14 | 3 | 12 | 15 |
| 15-19 | 55 | 19 | 74 | 58 | 49 | 107 |
| 20-24 | 47 | 31 | 78 | 131 | 80 | 211 |
| 25-34 | 149 | 64 | 213 | 318 | 228 | 546 |
| 35-44 | 85 | 29 | 114 | 150 | 113 | 263 |
| 45-54 | 34 | 18 | 52 | 125 | 76 | 201 |
| 55-64 | 16 | 12 | 28 | 133 | 89 | 222 |
| 65+ | 9 | 12 | 21 | 108 | 145 | 253 |
| Unknown | - | - | - | 1 | - | 1 |
| Total | 400 | 194 | 594 | 1,027 | 792 | 1,819 |

TABLE I-34 (Continued)

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

| Age | Poisoning by Analgesics, Antipyretics or Antirheumatics | | | | | |
|---------|---|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 98 | 232 | 330 | 15 | 47 | 62 |
| 15-19 | 215 | 579 | 794 | 74 | 202 | 276 |
| 20-24 | 142 | 240 | 382 | 64 | 85 | 149 |
| 25-34 | 168 | 272 | 440 | 70 | 123 | 193 |
| 35-44 | 116 | 173 | 289 | 56 | 112 | 168 |
| 45-54 | 44 | 98 | 142 | 25 | 70 | 95 |
| 55-64 | 49 | 40 | 89 | 32 | 44 | 76 |
| 65+ | 50 | 81 | 131 | 97 | 138 | 235 |
| Unknown | 1 | - | 1 | - | - | - |
| Total | 883 | 1,715 | 2,598 | 433 | 821 | 1,254 |

| Age | Poisoning by Sedatives and Hypnotics | | | | | |
|---------|--------------------------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 19 | 23 | 42 | 9 | 5 | 14 |
| 15-19 | 16 | 31 | 47 | 9 | 10 | 19 |
| 20-24 | 27 | 39 | 66 | 15 | 28 | 43 |
| 25-34 | 65 | 91 | 156 | 25 | 44 | 69 |
| 35-44 | 50 | 65 | 115 | 21 | 34 | 55 |
| 45-54 | 15 | 48 | 63 | 19 | 22 | 41 |
| 55-64 | 14 | 34 | 48 | 8 | 25 | 33 |
| 65+ | 21 | 53 | 74 | 23 | 46 | 69 |
| Unknown | - | - | - | 1 | - | 1 |
| Total | 227 | 384 | 611 | 130 | 214 | 344 |

| Age | Poisoning by Psychotropic Agents | | | | | |
|---------|----------------------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 63 | 79 | 142 | 5 | 22 | 27 |
| 15-19 | 81 | 124 | 205 | 41 | 62 | 103 |
| 20-24 | 115 | 124 | 239 | 57 | 88 | 145 |
| 25-34 | 317 | 416 | 733 | 141 | 225 | 366 |
| 35-44 | 164 | 347 | 511 | 92 | 194 | 286 |
| 45-54 | 68 | 157 | 225 | 51 | 107 | 158 |
| 55-64 | 35 | 81 | 116 | 34 | 66 | 100 |
| 65+ | 58 | 107 | 165 | 75 | 127 | 202 |
| Unknown | - | 1 | 1 | 1 | - | 1 |
| Total | 901 | 1,436 | 2,337 | 497 | 891 | 1,388 |

TABLE I-34 (Concluded)

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

| Age | Total | | | | | |
|---------|-------------------|--------|-------|---------------------|--------|-------|
| | Primary Diagnosis | | | Secondary Diagnosis | | |
| | Male | Female | Total | Male | Female | Total |
| 0-14 | 190 | 346 | 536 | 37 | 94 | 131 |
| 15-19 | 454 | 795 | 1,249 | 208 | 361 | 569 |
| 20-24 | 494 | 526 | 1,020 | 375 | 339 | 714 |
| 25-34 | 1,302 | 1,101 | 2,403 | 798 | 836 | 1,634 |
| 35-44 | 603 | 942 | 1,545 | 427 | 574 | 1,001 |
| 45-54 | 203 | 382 | 585 | 253 | 358 | 611 |
| 55-64 | 141 | 206 | 347 | 256 | 298 | 554 |
| 65+ | 175 | 296 | 471 | 388 | 616 | 1,004 |
| Unknown | 2 | 1 | 3 | 3 | - | 3 |
| Total | 3,564 | 4,595 | 8,159 | 2,745 | 3,476 | 6,221 |

¹ For medical conditions included under each diagnostic category see Technical Notes.

Source: Hospital Medical Records Institute, special data tape.

TABLE I-35

NUMBER OF DEATHS FROM DIRECT ALCOHOL-RELATED PROBLEMS BY SEX, ONTARIO, 1986 TO 1989

| | Males | | | |
|--|------------|------------|------------|------------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL HEALTH | | | | |
| Alcoholic Psychoses | 16 | 16 | 14 | 16 |
| Alcohol Dependence Syndrome | 129 | 139 | 140 | 135 |
| Nondependent Abuse of Alcohol | 33 | 20 | 23 | 34 |
| DISEASES OF THE CIRCULATORY SYSTEM | | | | |
| Alcoholic Cardiomyopathy | 29 | 25 | 24 | 22 |
| DISEASES OF THE DIGESTIVE SYSTEM | | | | |
| Alcoholic Gastritis | 8 | 4 | 3 | 1 |
| Alcohol-Related Chronic Liver Disease and Cirrhosis | 326 | 304 | 300 | 343 |
| Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 14 | 10 | 15 | 13 |
| Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 254 | 238 | 262 | 294 |
| INJURY AND POISONING | | | | |
| Toxic Effects of Alcohol (N) ¹ | 24 | 31 | 26 | 30 |
| Accidental Poisoning by Alcohol (E) ¹ | 20 | 27 | 20 | 25 |
| TOTAL² | 833 | 787 | 807 | 888 |

| | Females | | | |
|--|------------|------------|------------|------------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL HEALTH | | | | |
| Alcoholic Psychoses | 2 | 5 | 4 | 4 |
| Alcohol Dependence Syndrome | 35 | 37 | 35 | 50 |
| Nondependent Abuse of Alcohol | 14 | 9 | 7 | 10 |
| DISEASES OF THE CIRCULATORY SYSTEM | | | | |
| Alcoholic Cardiomyopathy | 5 | 3 | - | 2 |
| DISEASES OF THE DIGESTIVE SYSTEM | | | | |
| Alcoholic Gastritis | - | - | 2 | 3 |
| Alcohol-Related Chronic Liver Disease and Cirrhosis | 99 | 115 | 106 | 116 |
| Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 32 | 27 | 34 | 38 |
| Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 154 | 151 | 133 | 138 |
| INJURY AND POISONING | | | | |
| Toxic Effects of Alcohol (N) ¹ | 9 | 15 | 9 | 8 |
| Accidental Poisoning by Alcohol (E) ¹ | 6 | 14 | 8 | 6 |
| TOTAL² | 350 | 362 | 330 | 369 |

TABLE I-35 (Concluded)

NUMBER OF DEATHS FROM DIRECT ALCOHOL-RELATED PROBLEMS BY SEX, ONTARIO, 1986 TO 1989

| | Total | | | |
|--|--------------|--------------|--------------|--------------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL HEALTH | | | | |
| Alcoholic Psychoses | 18 | 21 | 18 | 20 |
| Alcohol Dependence Syndrome | 164 | 176 | 175 | 185 |
| Nondependent Abuse of Alcohol | 47 | 29 | 30 | 44 |
| DISEASES OF THE CIRCULATORY SYSTEM | | | | |
| Alcoholic Cardiomyopathy | 34 | 28 | 24 | 24 |
| DISEASES OF THE DIGESTIVE SYSTEM | | | | |
| Alcoholic Gastritis | 8 | 4 | 5 | 4 |
| Alcohol-Related Chronic Liver Disease and Cirrhosis | 425 | 419 | 406 | 459 |
| Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 46 | 37 | 49 | 51 |
| Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol | 408 | 389 | 395 | 432 |
| INJURY AND POISONING | | | | |
| Toxic Effects of Alcohol (N) ¹ | 33 | 46 | 35 | 38 |
| Accidental Poisoning by Alcohol (E) ¹ | 26 | 41 | 28 | 31 |
| GRAND TOTAL² | 1,183 | 1,149 | 1,137 | 1,257 |

¹ Number of deaths due to alcohol-related injury or poisoning are shown using two different classification system. Under the "N" system, deaths are classified according to Nature of Injury, whereas under the "E" system, they are classified by External Cause. "N" and "E" numbers essentially refer to the same event and consequently are not additive ("N" and "E" numbers will differ due to the coding practices employed in each classification systems).

² Excludes E-codes to prevent double counting.

Sources: Statistics Canada, Causes of Death - Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No.1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991).

TABLE I-36

ESTIMATED NUMBER¹ OF DEATHS INDIRECTLY² DUE TO ALCOHOL, ONTARIO, 1986 TO 1989

| TYPE OF DISEASES | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Neoplasms | 1,740 | 1,755 | 1,820 | 1,905 | 1,930 |
| Diseases of the Circulatory System | 1,510 | 1,510 | 1,470 | 1,505 | 1,480 |
| Diseases of the Respiratory System | 720 | 795 | 770 | 865 | 855 |
| Motor Vehicle Accidents | 615 | 535 | 590 | 595 | 630 |
| Accidental Falls | 300 | 335 | 320 | 360 | 340 |
| Accidents Caused by Fire and Flames | 50 | 40 | 40 | 30 | 45 |
| Accidental Drowning and Submersion | 35 | 30 | 40 | 40 | 30 |
| Suicide and Self-inflicted Injury | 310 | 340 | 320 | 315 | 345 |
| Homicide | 105 | 75 | 110 | 100 | 90 |
| Total | 5,385 | 5,415 | 5,480 | 5,715 | 5,745 |

¹ Figures have been rounded to the nearest multiple of 5.

² The number of deaths indirectly due to alcohol have been estimated on the basis of data provided by the Working Group on Alcohol Statistics in *Alcohol in Canada: A National Perspective* (Ottawa: National Health and Welfare, 1984). These estimates by cause of death are as follows: Neoplasms – 10%; diseases of the circulatory system – 5%; diseases of the respiratory system – 15%; motor vehicle accidents – 45%; accidental falls – 40%; accidents caused by fire and flames – 30%; accidental drowning and submersion – 30%; suicide and self-inflicted injury – 30%; and homicide – 60%.

Sources: Statistics Canada, *Causes of Death – Vital Statistics Volume IV, 1985 and 1986* (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986 and 1988); Statistics Canada, *Health Reports Supplement, Volume 1, No. 1, 1989 – Causes of Death, 1987* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, *Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 – Causes of Death, 1988* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, *Health Reports Supplement No. 11, 1991, Volume 3, No. 1 – Causes of Death, 1989* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Health and Welfare Canada, *Alcohol in Canada: A National Perspective* (Ottawa: National Health and Welfare, 1984).

TABLE I-37

DRUG-RELATED DEATHS¹, ACCORDING TO NATURE OF CONDITION² BY SEX, ONTARIO, 1986 TO 1989

| | Males | | | |
|--|-----------|-----------|-----------|-----------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL DISORDERS | | | | |
| Drug Psychoses | — | — | — | 1 |
| Drug Dependence Syndrome | 1 | 2 | 1 | 1 |
| Nondependent Abuse of Drugs ³ | 3 | 3 | 5 | 1 |
| POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 11 | 15 | 13 | 17 |
| Salicylates | 10 | 5 | 8 | 5 |
| Other | 5 | 6 | 6 | 10 |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 9 | 10 | 7 | 6 |
| Chloral Hydrate Group | 1 | — | 2 | 4 |
| Methaqualone Compounds | — | — | 1 | — |
| Other | 2 | 2 | 5 | 1 |
| Psychotropic Agents | | | | |
| Antidepressants | 20 | 22 | 23 | 23 |
| Phenothiazine Tranquillizers | — | 2 | — | — |
| Benzodiazepine Tranquillizers | 2 | 4 | 4 | 6 |
| Other Tranquillizers | — | 3 | — | — |
| Other | 4 | 2 | 4 | 4 |
| TOTAL MALES | 68 | 76 | 79 | 79 |

| | Females | | | |
|--|-----------|-----------|-----------|-----------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL DISORDERS | | | | |
| Drug Psychoses | — | — | — | — |
| Drug Dependence Syndrome | 1 | — | — | — |
| Nondependent Abuse of Drugs ³ | 1 | 2 | 4 | 2 |
| POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 4 | 4 | 4 | 3 |
| Salicylates | 11 | 11 | 7 | 10 |
| Other | 12 | 10 | 16 | 7 |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 10 | 12 | 4 | 9 |
| Chloral Hydrate Group | 1 | 1 | 1 | — |
| Methaqualone Compounds | — | — | — | — |
| Other | 2 | 2 | 3 | 7 |
| Psychotropic Agents | | | | |
| Antidepressants | 22 | 20 | 24 | 36 |
| Phenothiazine Tranquillizers | — | 1 | 1 | 3 |
| Benzodiazepine Tranquillizers | 3 | 1 | 3 | 2 |
| Other Tranquillizers | 3 | 3 | — | — |
| Other | 2 | 4 | 1 | 1 |
| TOTAL FEMALES | 72 | 71 | 68 | 80 |

TABLE I-37 (Concluded)

DRUG-RELATED DEATHS¹, ACCORDING TO NATURE OF CONDITION² BY SEX, ONTARIO, 1986 TO 1989

| | Total | | | |
|--|------------|------------|------------|------------|
| | 1986 | 1987 | 1988 | 1989 |
| MENTAL DISORDERS | | | | |
| Drug Psychoses | — | — | — | 1 |
| Drug Dependence Syndrome | 2 | 2 | 1 | 1 |
| Nondependent Abuse of Drugs ³ | 4 | 5 | 9 | 3 |
| POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 15 | 19 | 17 | 20 |
| Salicylates | 21 | 16 | 15 | 15 |
| Other | 17 | 16 | 22 | 17 |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 19 | 22 | 11 | 15 |
| Chloral Hydrate Group | 2 | 1 | 3 | 4 |
| Methaqualone Compounds | — | — | 1 | — |
| Other | 4 | 4 | 8 | 8 |
| Psychotropic Agents | | | | |
| Antidepressants | 42 | 42 | 47 | 59 |
| Phenothiazine Tranquillizers | — | 3 | 1 | 3 |
| Benzodiazepine Tranquillizers | 5 | 5 | 7 | 8 |
| Other Tranquillizers | 3 | 6 | — | — |
| Other | 6 | 6 | 5 | 5 |
| GRAND TOTAL | 140 | 147 | 147 | 159 |

¹ For medical conditions included under each diagnostic category see Technical Notes.

² The data presented above are not additive with those in Table I-38 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table I-37 deaths are classified according to nature of injury, whereas in Table I-38, external cause is employed.

³ Excluding alcohol.

Sources: Statistics Canada, Causes of Death - Vital Statistics Volume IV, 1985 and 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986 and 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991).

TABLE I-38

DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE² BY SEX, ONTARIO, 1986 TO 1989

| | Males | | | |
|---|-----------|-----------|-----------|-----------|
| | 1986 | 1987 | 1988 | 1989 |
| ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS: | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 5 | 13 | 9 | 14 |
| Salicylates | 1 | — | 3 | 1 |
| Other | 3 | 1 | 4 | 2 |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 2 | 4 | 1 | 2 |
| Chloral Hydrate Group | — | — | — | 1 |
| Methaqualone Compounds | — | — | 1 | — |
| Sedatives and Hypnotics — Other | — | 1 | 3 | — |
| Psychotropic Agents | | | | |
| Antidepressants | 1 | 3 | — | 4 |
| Phenothiazine Tranquillizers | — | 2 | — | — |
| Benzodiazepine Tranquillizers | 1 | 2 | 1 | 2 |
| Other Tranquillizers and Psychotropic Agents | 1 | 1 | 1 | — |
| SUICIDE AND SELF-INFLICTED INJURY POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 15 | 12 | 10 | 13 |
| Sedatives and Hypnotics — Barbiturates | 7 | 4 | 5 | 5 |
| Sedatives and Hypnotics — Other | 3 | 1 | 3 | 2 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | 22 | 22 | 26 | 23 |
| INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 2 | — | 1 | 2 |
| Sedatives and Hypnotics — Barbiturates | — | 2 | 1 | — |
| Sedatives and Hypnotics — Other | — | — | 1 | 2 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | — | 3 | 2 | 3 |
| TOTAL MALES | 63 | 71 | 72 | 76 |

TABLE I-38 (Continued)

**DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE²
BY SEX, ONTARIO, 1986 TO 1989**

| | Females | | | |
|---|-----------|-----------|-----------|-----------|
| | 1986 | 1987 | 1988 | 1989 |
| ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS: | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 4 | 1 | 1 | — |
| Salicylates | 2 | 3 | 2 | 4 |
| Other | 4 | 4 | 5 | — |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 2 | — | — | 1 |
| Chloral Hydrate Group | — | — | — | — |
| Methaqualone Compounds | — | — | — | — |
| Sedatives and Hypnotics — Other | — | — | — | 1 |
| Psychotropic Agents | | | | |
| Antidepressants | 1 | 1 | 4 | 5 |
| Phenothiazine Tranquillizers | — | — | — | 2 |
| Benzodiazepine Tranquillizers | 1 | — | 1 | 1 |
| Other Tranquillizers and Psychotropic Agents | 1 | 1 | — | — |
| SUICIDE AND SELF-INFLICTED INJURY POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 14 | 14 | 16 | 14 |
| Sedatives and Hypnotics — Barbiturates | 7 | 10 | 4 | 6 |
| Sedatives and Hypnotics — Other | 3 | 3 | 4 | 3 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | 25 | 24 | 23 | 33 |
| INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 3 | 3 | 2 | 2 |
| Sedatives and Hypnotics — Barbiturates | 1 | 2 | — | 2 |
| Sedatives and Hypnotics — Other | — | — | 1 | 3 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | 1 | 2 | 1 | 1 |
| TOTAL FEMALES | 69 | 68 | 64 | 78 |

TABLE I-38 (Concluded)

DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE² BY SEX, ONTARIO, 1986 TO 1989

| | Total | | | |
|---|------------|------------|------------|------------|
| | 1986 | 1987 | 1988 | 1989 |
| ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS: | | | | |
| Analgesics, Antipyretics and Antirheumatics | | | | |
| Opiates and Related Narcotics | 9 | 14 | 10 | 14 |
| Salicylates | 3 | 3 | 5 | 5 |
| Other | 7 | 5 | 9 | 2 |
| Sedatives and Hypnotics | | | | |
| Barbiturates | 4 | 4 | 1 | 3 |
| Chloral Hydrate Group | — | — | — | 1 |
| Methaqualone Compounds | — | — | 1 | — |
| Sedatives and Hypnotics — Other | — | 1 | 3 | 1 |
| Psychotropic Agents | | | | |
| Antidepressants | 2 | 4 | 4 | 9 |
| Phenothiazine Tranquillizers | — | 2 | — | 2 |
| Benzodiazepine Tranquillizers | 2 | 2 | 2 | 3 |
| Other Tranquillizers and Psychotropic Agents | 2 | 2 | 1 | — |
| SUICIDE AND SELF-INFLICTED INJURY POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 29 | 26 | 26 | 27 |
| Sedatives and Hypnotics — Barbiturates | 14 | 14 | 9 | 11 |
| Sedatives and Hypnotics — Other | 6 | 4 | 7 | 5 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | 47 | 46 | 49 | 56 |
| INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY: | | | | |
| Analgesics, Antipyretics and Antirheumatics | 5 | 3 | 3 | 4 |
| Sedatives and Hypnotics — Barbiturates | 1 | 4 | 1 | 2 |
| Sedatives and Hypnotics — Other | — | — | 2 | 5 |
| Psychotropic Agents — Tranquillizers and Other Psychotropic Agents | 1 | 5 | 3 | 4 |
| GRAND TOTAL | 132 | 139 | 136 | 154 |

¹ For medical conditions included under each diagnostic category see the Technical Notes.

² The data presented above are not additive with those in Table I-37 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table I-37 deaths are classified according to nature of injury, whereas in Table I-38, external cause is employed.

Sources: Statistics Canada, Causes of Death — Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 — Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 — Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue 82-003S, 1990); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 3, No. 1 — Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue 82-003S, 1991).

Part II _____
COUNTY DATA

County Data Overview ---

Part II of this report contains data for each of Ontario's counties and regional municipalities. Each county has five pages of information presented in the following manner:

| For Each County | Subject Areas | Years Covered |
|--------------------|--|--|
| First page | ALCOHOL-RELATED OCCURRENCES Consumption of Absolute Alcohol Legal Offences Drivers in Alcohol-Related Traffic Crashes General Hospital Separations Primary Diagnoses Secondary Diagnoses Mental Hospital Separations Primary Diagnoses Secondary Diagnoses | 1988-89 1985 to 1989 1985 to 1989 1985-86 to 1989-90 1985-86 to 1989-90 |
| Second page | Corresponding rates for all of the variables presented on the first page | see above |
| Third page | ALCOHOL-RELATED OCCURRENCES (Concluded) Mortality DRUG-RELATED OCCURRENCES Legal Offences General Hospital Separations Primary Diagnoses Secondary Diagnoses Mental Hospital Separations Primary Diagnoses Secondary Diagnoses Mortality | 1984 to 1988 1985 to 1989 1985-86 to 1989-90 1985-86 to 1989-90 1984 to 1988 |
| Fourth page | Corresponding rates for all of the variables presented on the third page | see above |
| Fifth (final) page | County population by age group Graph comparing county rates to provincial rates | 1983 to 1989 most recent year |

Readers should note that not all variables have the exact same time period; and that some sources provide data for calendar years, while other sources provide data for fiscal years.

The final component of each county's summary is a graph presenting the ratio of county rates to provincial rates for selected indicators. Values greater than 1 indicate county rates are higher than the provincial rate (ie. a value of 2 would indicate the county rate is double the provincial rate), while values less than 1 indicate county rates are below provincial rates.

Users are reminded that rates for smaller counties may show large year-to-year variations and should be interpreted with caution.

County Data Overview (Concluded) _____

Following the county data are a number of tables, for selected variables, that provide a summary of rates for the five year period being considered and the corresponding ranking over that period. This five-year rate for each region was calculated according to the following formula:

$$5\text{-year rate} = \frac{\sum_{t=1}^5 (Occurrences_t)}{\sum_{t=1}^5 (Population_t)}$$

Finally, Part II concludes with a section detailing sources and explanatory notes about the data. Included are definitions of the variables, caveats and other problems associated with the data.

KEY TO SYMBOLS

- "_" zero or nil value
- "n.a." figures not available

Year Definitions:

Calendar Years: Data for the 12 month period January 1 to December 31. Calendar years are denoted in the following manner:

- 1985 (covers January 1, 1985 to December 31, 1985)
- 1989 (covers January 1, 1989 to December 31, 1989)

Fiscal Years: In **all** cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year. Fiscal year data are denoted in the following manner:

- 1986-87 (covers April 1, 1986 to March 31, 1987)
- 1988-89 (covers April 1, 1988 to March 31, 1989)

ALGOMA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 1,068.1 |
| | 60,528 |
| | 16,663 |
| | 7,504 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,048 | 1,983 | 2,322 | 1,807 | 2,119 |
| n.a. | 2 | 2 | 1 | 1 |
| n.a. | 11 | 5 | 17 | 8 |
| 805 | 686 | 688 | 627 | 813 |
| 27 | 32 | 36 | 42 | 36 |
| 2,880 | 2,714 | 3,053 | 2,494 | 2,977 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 188 | 135 | 116 | 165 | 157 |
| 216 | 156 | 141 | 152 | 121 |
| 7 | 12 | 6 | 9 | 6 |
| 411 | 303 | 263 | 326 | 284 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 24 | 30 | 32 | 35 | 31 |
| 200 | 204 | 215 | 226 | 199 |
| 40 | 44 | 59 | 60 | 49 |
| 58 | 48 | 50 | 53 | 56 |
| 16 | 8 | 7 | 13 | 7 |
| 338 | 334 | 363 | 387 | 342 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 13 | 16 | 12 | 7 | 10 |
| 198 | 203 | 192 | 207 | 227 |
| 39 | 32 | 44 | 50 | 47 |
| 58 | 56 | 71 | 90 | 94 |
| 1 | 2 | 2 | - | 3 |
| 309 | 309 | 321 | 354 | 381 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 1 | 2 | 1 |
| 9 | 17 | 9 | 7 | 8 |
| 1 | - | - | 6 | 4 |
| 11 | 17 | 10 | 15 | 13 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | 1 | 2 | 1 | 1 |
| 2 | 2 | 4 | 2 | - |
| 2 | 3 | - | 2 | 2 |
| 4 | 6 | 6 | 5 | 3 |

ALGOMA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 10.4 |
| | | | | 58,856 |
| | | | | 16,203 |
| | | | | 7,297 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,530.6 | 1,500.0 | 1,787.5 | 1,385.7 | 1,598.0 |
| n.a. | 1.5 | 1.5 | 0.8 | 0.8 |
| n.a. | 8.3 | 3.8 | 13.0 | 6.0 |
| 601.6 | 518.9 | 529.6 | 480.8 | 613.1 |
| 20.2 | 24.2 | 27.7 | 32.2 | 27.1 |
| 2,152.5 | 2,053.0 | 2,350.3 | 1,912.6 | 2,245.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 140.5 | 102.1 | 89.3 | 126.5 | 118.4 |
| 161.4 | 118.0 | 108.5 | 116.6 | 91.3 |
| 5.2 | 9.1 | 4.6 | 6.9 | 4.5 |
| 307.2 | 229.2 | 202.5 | 250.0 | 214.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 17.9 | 22.7 | 24.6 | 26.8 | 23.4 |
| 149.5 | 154.3 | 165.5 | 173.3 | 150.1 |
| 29.9 | 33.3 | 45.4 | 46.0 | 37.0 |
| 43.3 | 36.3 | 38.5 | 40.6 | 42.2 |
| 12.0 | 6.1 | 5.4 | 10.0 | 5.3 |
| 252.6 | 252.6 | 279.4 | 296.8 | 257.9 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 9.7 | 12.1 | 9.2 | 5.4 | 7.5 |
| 148.0 | 153.6 | 147.8 | 158.7 | 171.2 |
| 29.1 | 24.2 | 33.9 | 38.3 | 35.4 |
| 43.3 | 42.4 | 54.7 | 69.0 | 70.9 |
| 0.7 | 1.5 | 1.5 | - | 2.3 |
| 230.9 | 233.7 | 247.1 | 271.5 | 287.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.7 | - | 0.8 | 1.5 | 0.8 |
| 6.7 | 12.9 | 6.9 | 5.4 | 6.0 |
| 0.7 | - | - | 4.6 | 3.0 |
| 8.2 | 12.9 | 7.7 | 11.5 | 9.8 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| - | 0.8 | 1.5 | 0.8 | 0.8 |
| 1.5 | 1.5 | 3.1 | 1.5 | - |
| 1.5 | 2.3 | - | 1.5 | 1.5 |
| 3.0 | 4.5 | 4.6 | 3.8 | 2.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALGOMA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | 1 |
| 2 | 2 | 1 | - | 1 |
| 9 | 14 | 15 | 12 | 21 |
| 11 | 16 | 16 | 12 | 23 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 330 | 307 | 227 | 318 | 445 |
| 1 | - | - | - | 1 |
| 6 | 16 | 1 | 9 | 26 |
| 28 | 77 | 12 | 145 | 201 |
| 3 | 3 | - | 2 | 1 |
| 9 | 23 | 4 | 36 | 28 |
| 377 | 426 | 244 | 509 | 703 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 10 | 7 | 14 | 5 |
| 27 | 33 | 22 | 28 | 36 |
| 17 | 17 | 11 | 10 | 31 |
| 72 | 63 | 49 | 76 | 63 |
| 30 | 21 | 22 | 22 | 19 |
| 51 | 45 | 55 | 61 | 46 |
| 206 | 189 | 166 | 211 | 200 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|-----|-----|
| 6 | 4 | 3 | 7 | 21 |
| 14 | 15 | 7 | 20 | 18 |
| 30 | 30 | 17 | 41 | 77 |
| 15 | 16 | 28 | 24 | 31 |
| 8 | 8 | 13 | 5 | 6 |
| 15 | 12 | 22 | 15 | 34 |
| 88 | 85 | 90 | 112 | 187 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 1 | 1 | - | 1 | - |
| 1 | 3 | 1 | - | - |
| 2 | 4 | 1 | 1 | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|----|----|----|---|
| - | - | 1 | 1 | - |
| 1 | 9 | 5 | 8 | 3 |
| 3 | 6 | 4 | 3 | 1 |
| 4 | 15 | 10 | 12 | 4 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 2 | 1 | - | 1 |
| 5 | 1 | 1 | 2 | 4 |
| 1 | - | 1 | - | - |
| 6 | 3 | 3 | 2 | 5 |

Mental Hospitals

ALGOMA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 0.8 |
| 1.5 | 1.5 | 0.8 | — | 0.8 |
| 6.7 | 10.5 | 11.3 | 9.2 | 16.1 |
| 8.2 | 12.0 | 12.1 | 9.2 | 17.6 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 246.9 | 232.3 | 174.6 | 243.7 | 335.9 |
| 1.0 | — | — | — | 0.9 |
| 4.1 | 11.8 | 1.0 | 6.6 | 19.9 |
| 20.7 | 58.4 | 9.4 | 110.9 | 151.3 |
| 2.0 | 2.4 | — | 1.6 | 1.1 |
| 6.8 | 17.2 | 2.8 | 27.4 | 21.1 |
| 281.5 | 322.0 | 187.9 | 390.2 | 530.2 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-------------------|--|--|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | County | |
| | Province | |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6.7 | 7.6 | 5.4 | 10.7 | 3.8 |
| 20.2 | 25.0 | 16.9 | 21.5 | 27.1 |
| 12.7 | 12.9 | 8.5 | 7.7 | 23.4 |
| 53.8 | 47.7 | 37.7 | 58.3 | 47.5 |
| 22.4 | 15.9 | 16.9 | 16.9 | 14.3 |
| 38.1 | 34.0 | 42.3 | 46.8 | 34.7 |
| 154.0 | 143.0 | 127.8 | 161.8 | 150.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | | | |
|------|------|------|------|-------|
| 4.5 | 3.0 | 2.3 | 5.4 | 15.8 |
| 10.5 | 11.3 | 5.4 | 15.3 | 13.6 |
| 22.4 | 22.7 | 13.1 | 31.4 | 58.1 |
| 11.2 | 12.1 | 21.6 | 18.4 | 23.4 |
| 6.0 | 6.1 | 10.0 | 3.8 | 4.5 |
| 11.2 | 9.1 | 16.9 | 11.5 | 25.6 |
| 65.8 | 64.3 | 69.3 | 85.9 | 141.0 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|--|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 0.7 | 0.8 | — | 0.8 | — |
| 0.7 | 2.3 | 0.8 | — | — |
| 1.5 | 3.0 | 0.8 | 0.8 | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | | | |
|-----|------|-----|-----|-----|
| — | — | 0.8 | 0.8 | — |
| 0.7 | 6.8 | 3.8 | 6.1 | 2.3 |
| 2.2 | 4.5 | 3.1 | 2.3 | 0.8 |
| 3.0 | 11.3 | 7.7 | 9.2 | 3.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

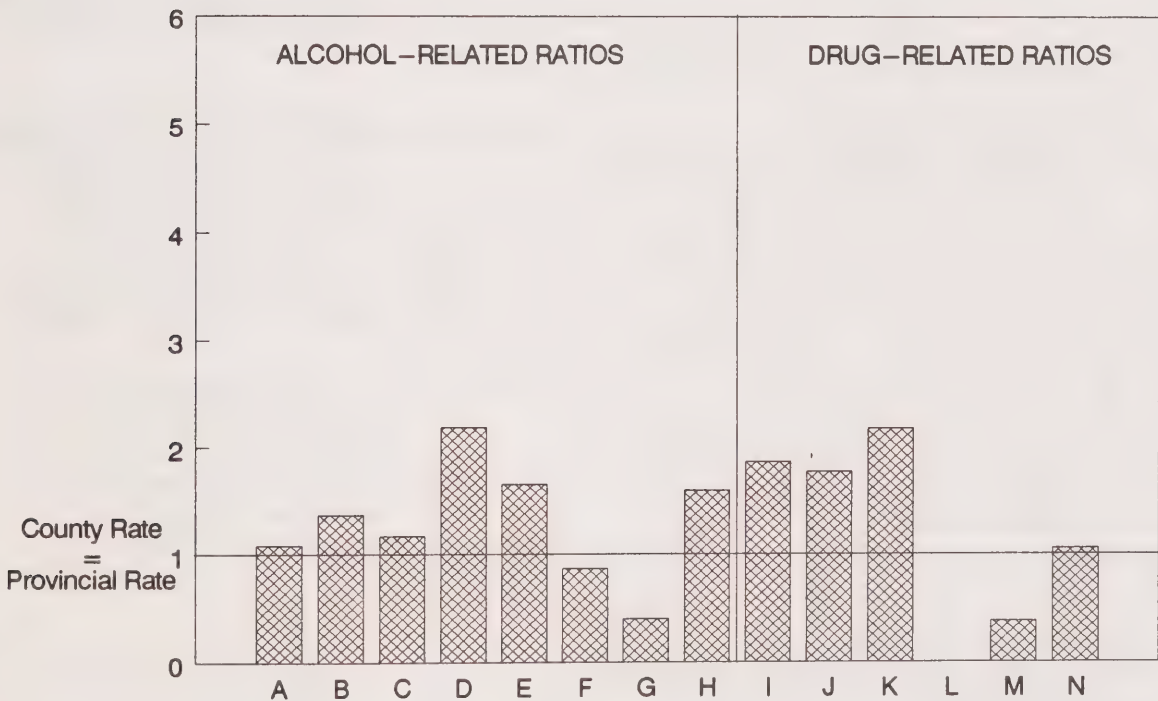
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.5 | 0.8 | — | 0.8 |
| 3.7 | 0.7 | 0.8 | 1.5 | 3.1 |
| 0.7 | — | 0.8 | — | — |
| 4.4 | 2.2 | 2.3 | 1.5 | 3.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ALGOMA

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0-9 | 21.5 | 21.1 | 21.0 | 20.9 | 20.4 | 19.8 | 20.3 |
| 10-14 | 11.6 | 11.2 | 10.8 | 10.7 | 10.8 | 10.2 | 10.1 |
| 15-19 | 12.9 | 12.0 | 11.3 | 11.1 | 11.1 | 11.0 | 10.4 |
| 20-29 | 26.7 | 26.7 | 26.9 | 23.3 | 21.5 | 21.1 | 20.6 |
| 30-39 | 19.9 | 20.2 | 20.2 | 21.0 | 20.5 | 21.1 | 21.9 |
| 40-49 | 14.8 | 14.7 | 14.5 | 15.3 | 15.5 | 16.3 | 17.1 |
| 50-59 | 13.4 | 13.2 | 13.3 | 13.4 | 13.2 | 13.1 | 13.2 |
| 60-64 | 5.0 | 5.3 | 5.3 | 5.4 | 5.4 | 5.7 | 5.8 |
| 65-74 | 6.6 | 6.8 | 6.9 | 7.2 | 7.3 | 7.7 | 8.5 |
| 75+ | 3.7 | 3.7 | 3.7 | 3.9 | 4.2 | 4.4 | 4.7 |
| Total Population | 136.0 | 134.9 | 133.8 | 132.2 | 129.9 | 130.4 | 132.6 |
| Aged 15 and Over | 102.9 | 102.6 | 102.0 | 100.6 | 98.7 | 100.4 | 102.2 |
| Aged 20 and Over | 90.0 | 90.6 | 90.7 | 89.5 | 87.6 | 89.4 | 91.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

BRANT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 774.3 |
| | | | | 53,339 |
| | | | | 11,670 |
| | | | | 5,142 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 799 | 938 | 969 | 789 | 800 |
| n.a. | 1 | 1 | 1 | 1 |
| n.a. | 6 | 4 | 8 | 9 |
| 404 | 449 | 444 | 430 | 441 |
| 20 | 6 | 9 | 4 | 11 |
| 1,223 | 1,400 | 1,427 | 1,232 | 1,262 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 141 | 118 | 114 | 104 | 130 |
| 156 | 142 | 151 | 136 | 119 |
| 13 | 6 | 12 | 10 | 5 |
| 310 | 266 | 277 | 250 | 254 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11 | 10 | 16 | 9 | 13 |
| 97 | 139 | 147 | 140 | 117 |
| 19 | 27 | 28 | 21 | 29 |
| 31 | 29 | 29 | 28 | 43 |
| 9 | 4 | 4 | 7 | 2 |
| 167 | 209 | 224 | 205 | 204 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 13 | 11 | 10 | 12 |
| 125 | 134 | 115 | 169 | 149 |
| 40 | 39 | 52 | 39 | 46 |
| 67 | 58 | 67 | 65 | 78 |
| 2 | 3 | - | 6 | 4 |
| 240 | 247 | 245 | 289 | 289 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 1 | - | - |
| 3 | 4 | 8 | 4 | 6 |
| - | - | - | - | 1 |
| 4 | 4 | 9 | 4 | 7 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | 2 | - |
| - | 1 | 2 | 1 | 2 |
| 1 | - | - | - | 1 |
| 1 | 2 | 2 | 3 | 3 |

BRANT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.1 |
| | | | | 62,619 |
| | | | | 13,700 |
| | | | | 6,037 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 755.2 | 883.2 | 898.1 | 722.5 | 719.4 |
| n.a. | 0.9 | 0.9 | 0.9 | 0.9 |
| n.a. | 5.6 | 3.7 | 7.3 | 8.1 |
| 381.9 | 422.8 | 411.5 | 393.8 | 396.6 |
| 18.9 | 5.6 | 8.3 | 3.7 | 9.9 |
| 1,156.0 | 1,318.3 | 1,322.5 | 1,128.2 | 1,134.9 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 133.3 | 111.1 | 105.7 | 95.2 | 116.9 |
| 147.4 | 133.7 | 139.9 | 124.5 | 107.0 |
| 12.3 | 5.6 | 11.1 | 9.2 | 4.5 |
| 293.0 | 250.5 | 256.7 | 228.9 | 228.4 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.4 | 9.4 | 14.8 | 8.2 | 11.7 |
| 91.7 | 130.9 | 136.2 | 128.2 | 105.2 |
| 18.0 | 25.4 | 25.9 | 19.2 | 26.1 |
| 29.3 | 27.3 | 26.9 | 25.6 | 38.7 |
| 8.5 | 3.8 | 3.7 | 6.4 | 1.8 |
| 157.8 | 196.8 | 207.6 | 187.7 | 183.5 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.7 | 12.2 | 10.2 | 9.2 | 10.8 |
| 118.1 | 126.2 | 106.6 | 154.8 | 134.0 |
| 37.8 | 36.7 | 48.2 | 35.7 | 41.4 |
| 63.3 | 54.6 | 62.1 | 59.5 | 70.1 |
| 1.9 | 2.8 | - | 5.5 | 3.6 |
| 226.8 | 232.6 | 227.1 | 264.7 | 259.9 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | - | 0.9 | - | - |
| 2.8 | 3.8 | 7.4 | 3.7 | 5.4 |
| - | - | - | - | 0.9 |
| 3.8 | 3.8 | 8.3 | 3.7 | 6.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.9 | - | 1.8 | - |
| - | 0.9 | 1.9 | 0.9 | 1.8 |
| 0.9 | - | - | - | 0.9 |
| 0.9 | 1.9 | 1.9 | 2.7 | 2.7 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

BRANT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | 1 | — | 1 |
| 2 | 1 | 2 | 1 | 2 |
| 6 | 9 | 8 | 7 | 13 |
| 8 | 10 | 11 | 8 | 16 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 87 | 85 | 84 | 70 | 187 |
| — | — | — | — | — |
| 1 | 1 | — | 6 | 4 |
| 28 | 12 | 6 | — | 4 |
| — | 2 | — | — | — |
| 5 | 4 | 12 | 7 | 6 |
| 121 | 104 | 103 | 83 | 201 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 4 | 2 | 3 |
| 9 | 3 | 6 | 23 | 10 |
| 9 | 9 | 10 | 7 | 13 |
| 23 | 32 | 36 | 32 | 23 |
| 6 | 4 | 15 | 9 | 7 |
| 28 | 32 | 19 | 21 | 28 |
| 77 | 81 | 90 | 94 | 84 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|-----|-----|-----|
| 6 | 5 | 4 | 3 | 7 |
| 14 | 15 | 12 | 15 | 23 |
| 15 | 24 | 29 | 43 | 44 |
| 25 | 18 | 40 | 42 | 40 |
| 4 | 13 | 10 | 15 | 7 |
| 23 | 22 | 43 | 52 | 47 |
| 87 | 97 | 138 | 170 | 168 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | — | 1 | 1 | 2 |
| 1 | 4 | 1 | 2 | 1 |
| — | — | — | — | — |
| 4 | 4 | 2 | 3 | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|----|---|---|---|
| — | 2 | — | — | 1 |
| 3 | 6 | 4 | 2 | 6 |
| 1 | 2 | 1 | — | — |
| 4 | 10 | 5 | 2 | 7 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 1 | 2 |
| — | 1 | 2 | 4 | — |
| 1 | — | 1 | — | 1 |
| 2 | 1 | 3 | 5 | 3 |

BRANT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | 0.9 | — | 0.9 |
| 1.9 | 0.9 | 1.9 | 0.9 | 1.8 |
| 5.7 | 8.5 | 7.5 | 6.5 | 11.9 |
| 7.6 | 9.5 | 10.4 | 7.4 | 14.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 82.2 | 80.3 | 78.3 | 64.6 | 168.2 |
| — | — | — | — | — |
| 1.3 | 1.3 | — | 5.6 | 3.2 |
| 26.2 | 11.2 | 5.7 | — | 3.8 |
| — | 1.5 | — | — | — |
| 4.9 | 3.6 | 11.3 | 6.1 | 5.0 |
| 114.6 | 97.9 | 95.2 | 76.2 | 180.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--------------------------|--|--|
| General Hospitals | Primary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | 0.9 | 3.7 | 1.8 | 2.7 |
| 8.5 | 2.8 | 5.6 | 21.1 | 9.0 |
| 8.5 | 8.5 | 9.3 | 6.4 | 11.7 |
| 21.7 | 30.1 | 33.4 | 29.3 | 20.7 |
| 5.7 | 3.8 | 13.9 | 8.2 | 6.3 |
| 26.5 | 30.1 | 17.6 | 19.2 | 25.2 |
| 72.8 | 76.3 | 83.4 | 86.1 | 75.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.7 | 4.7 | 3.7 | 2.7 | 6.3 |
| 13.2 | 14.1 | 11.1 | 13.7 | 20.7 |
| 14.2 | 22.6 | 26.9 | 39.4 | 39.6 |
| 23.6 | 16.9 | 37.1 | 38.5 | 36.0 |
| 3.8 | 12.2 | 9.3 | 13.7 | 6.3 |
| 21.7 | 20.7 | 39.9 | 47.6 | 42.3 |
| 82.2 | 91.3 | 127.9 | 155.7 | 151.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-------------------------|-----------------------------|--|
| Mental Hospitals | Primary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.8 | — | 0.9 | 0.9 | 1.8 |
| 0.9 | 3.8 | 0.9 | 1.8 | 0.9 |
| — | — | — | — | — |
| 3.8 | 3.8 | 1.9 | 2.7 | 2.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1.9 | — | — | 0.9 |
| 2.8 | 5.6 | 3.7 | 1.8 | 5.4 |
| 0.9 | 1.9 | 0.9 | — | — |
| 3.8 | 9.4 | 4.6 | 1.8 | 6.3 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

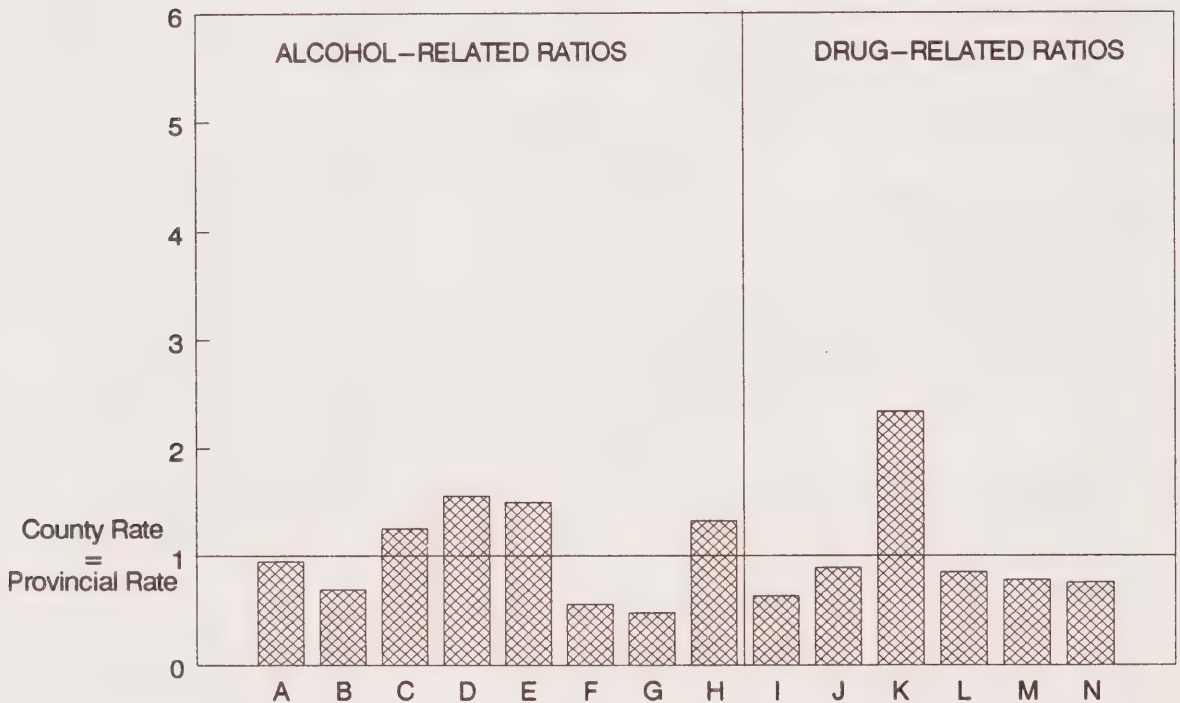
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.0 | — | — | 0.9 | 1.8 |
| — | 0.9 | 1.9 | 3.7 | — |
| 1.0 | — | 0.9 | — | 0.9 |
| 1.9 | 0.9 | 2.8 | 4.6 | 2.7 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

BRANT

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 15.2 | 15.3 | 15.2 | 15.5 | 15.7 | 16.0 | 16.2 |
| 10-14 | 7.9 | 7.8 | 7.8 | 8.0 | 7.9 | 7.8 | 7.7 |
| 15-19 | 9.3 | 8.8 | 8.3 | 8.2 | 8.2 | 8.0 | 7.7 |
| 20-29 | 18.1 | 18.3 | 18.8 | 17.3 | 18.1 | 18.3 | 17.3 |
| 30-39 | 15.6 | 16.0 | 16.3 | 16.6 | 16.8 | 16.8 | 17.9 |
| 40-49 | 10.7 | 11.0 | 11.1 | 11.5 | 12.2 | 13.1 | 14.1 |
| 50-59 | 10.7 | 10.6 | 10.4 | 10.3 | 10.1 | 9.9 | 9.9 |
| 60-64 | 5.0 | 5.2 | 5.3 | 5.3 | 5.3 | 5.4 | 5.2 |
| 65-74 | 7.6 | 7.4 | 7.6 | 8.2 | 8.2 | 8.5 | 8.8 |
| 75+ | 4.9 | 5.0 | 5.1 | 5.5 | 5.3 | 5.7 | 6.4 |
| Total Population | 104.9 | 105.2 | 105.8 | 106.2 | 107.9 | 109.2 | 111.2 |
| Aged 15 and Over | 81.8 | 82.1 | 82.8 | 82.7 | 84.3 | 85.4 | 87.3 |
| Aged 20 and Over | 72.5 | 73.3 | 74.5 | 74.5 | 76.1 | 77.4 | 79.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

BRUCE

ALCOHOL—RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988–89 |
|--|--|--|--|---------|
| | | | | 567.7 |
| | | | | 23,940 |
| | | | | 9,178 |
| | | | | 4,346 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,983 | 2,055 | 2,209 | 2,129 | 2,296 |
| n.a. | — | — | — | 2 |
| n.a. | 2 | 3 | — | 6 |
| 344 | 369 | 272 | 345 | 433 |
| 29 | 41 | 24 | 18 | 24 |
| 2,356 | 2,467 | 2,508 | 2,492 | 2,761 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 89 | 59 | 56 | 62 | 73 |
| 125 | 67 | 81 | 60 | 60 |
| 2 | 8 | 5 | 7 | 7 |
| 216 | 134 | 142 | 129 | 140 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 9 | 11 | 11 | 20 | 17 |
| 123 | 133 | 93 | 78 | 53 |
| 12 | 14 | 17 | 15 | 12 |
| 26 | 23 | 36 | 26 | 33 |
| 2 | — | 4 | 2 | 1 |
| 172 | 181 | 161 | 141 | 116 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 10 | 18 | 11 | 11 | 9 |
| 102 | 103 | 110 | 88 | 101 |
| 8 | 19 | 13 | 13 | 22 |
| 31 | 20 | 33 | 28 | 35 |
| 1 | 1 | — | — | — |
| 152 | 161 | 167 | 140 | 167 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| — | — | 1 | — | — |
| 1 | 3 | 4 | — | 2 |
| — | 1 | — | — | — |
| 1 | 4 | 5 | — | 2 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| — | — | — | 1 | — |
| — | 1 | 4 | 1 | 1 |
| 1 | — | 2 | 1 | 1 |
| 1 | 1 | 6 | 3 | 2 |

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)**CONSUMPTION OF ABSOLUTE ALCOHOL**

Litres Per Person Aged 15+
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 12.5 |
| | | | | 52,627 |
| | | | | 20,176 |
| | | | | 9,555 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

County
 Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 3,266.9 | 3,459.6 | 3,687.8 | 3,484.5 | 3,650.2 |
| n.a. | - | - | - | 3.2 |
| n.a. | 3.4 | 5.0 | - | 9.5 |
| 566.7 | 621.2 | 454.1 | 564.6 | 688.4 |
| 47.8 | 69.0 | 40.1 | 29.5 | 38.2 |
| 3,881.4 | 4,153.2 | 4,187.0 | 4,078.6 | 4,389.5 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

County
 Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 146.6 | 99.3 | 93.5 | 101.5 | 116.1 |
| 205.9 | 112.8 | 135.2 | 98.2 | 95.4 |
| 3.3 | 13.5 | 8.3 | 11.5 | 11.1 |
| 355.8 | 225.6 | 237.1 | 211.1 | 222.6 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS**Primary Diagnoses**

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

County
 Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.8 | 18.5 | 18.4 | 32.7 | 27.0 |
| 202.6 | 223.9 | 155.3 | 127.7 | 84.3 |
| 19.8 | 23.6 | 28.4 | 24.5 | 19.1 |
| 42.8 | 38.7 | 60.1 | 42.6 | 52.5 |
| 3.3 | - | 6.7 | 3.3 | 1.6 |
| 283.4 | 304.7 | 268.8 | 230.8 | 184.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

County
 Province

| | | | | |
|-------|-------|-------|-------|-------|
| 16.5 | 30.3 | 18.4 | 18.0 | 14.3 |
| 168.0 | 173.4 | 183.6 | 144.0 | 160.6 |
| 13.2 | 32.0 | 21.7 | 21.3 | 35.0 |
| 51.1 | 33.7 | 55.1 | 45.8 | 55.6 |
| 1.6 | 1.7 | - | - | - |
| 250.4 | 271.0 | 278.8 | 229.1 | 265.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

County
 Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1.7 | - | - |
| 1.6 | 5.1 | 6.7 | - | 3.2 |
| - | 1.7 | - | - | - |
| 1.6 | 6.7 | 8.3 | - | 3.2 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

County
 Province

| | | | | |
|-----|-----|------|-----|-----|
| - | - | - | 1.6 | - |
| - | 1.7 | 6.7 | 1.6 | 1.6 |
| 1.6 | - | 3.3 | 1.6 | 1.6 |
| 1.6 | 1.7 | 10.0 | 4.9 | 3.2 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

BRUCE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | — | — |
| 1 | 1 | 6 | — | 2 |
| 6 | 5 | 2 | 9 | 4 |
| 8 | 6 | 8 | 9 | 6 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 61 | 74 | 43 | 66 | 111 |
| 1 | — | — | — | — |
| — | 1 | — | 1 | — |
| 7 | 18 | 18 | 25 | 9 |
| 1 | — | 2 | — | — |
| 1 | 4 | 1 | 4 | 7 |
| 72 | 97 | 64 | 96 | 127 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 2 | 3 | 1 | 1 |
| 3 | 3 | 6 | 3 | 4 |
| 6 | 5 | 7 | 2 | 2 |
| 17 | 28 | 7 | 18 | 17 |
| 12 | 10 | 8 | 10 | 6 |
| 23 | 18 | 15 | 11 | 17 |
| 66 | 66 | 46 | 45 | 47 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| — | 4 | 1 | 1 | 2 |
| 6 | 6 | 3 | 11 | 3 |
| 5 | 2 | 3 | 6 | 6 |
| 6 | 7 | 8 | 10 | 9 |
| 1 | 1 | 1 | 4 | 1 |
| 14 | 7 | 13 | 5 | 9 |
| 32 | 27 | 29 | 37 | 30 |

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 2 | 1 | — |
| — | — | 1 | — | — |
| — | — | — | — | — |
| — | — | 3 | 1 | — |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| — | — | 1 | — | — |
| — | — | — | — | 1 |
| — | — | 1 | — | — |
| — | — | 2 | — | 1 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 3 | — | 1 | — |
| 2 | 1 | 1 | 1 | — |
| — | — | — | — | — |
| 2 | 4 | 1 | 2 | — |

BRUCE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.6 | — | — | — | — |
| 1.6 | 1.6 | 10.1 | — | 3.3 |
| 9.7 | 8.2 | 3.4 | 15.0 | 6.5 |
| 13.0 | 9.9 | 13.5 | 15.0 | 9.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 100.2 | 125.2 | 71.5 | 107.6 | 176.5 |
| 2.1 | — | — | — | — |
| — | 2.4 | — | 2.0 | — |
| 11.4 | 30.0 | 30.6 | 41.2 | 13.6 |
| 2.2 | — | 2.6 | — | — |
| 2.1 | 6.4 | 2.0 | 6.5 | 11.1 |
| 118.1 | 163.9 | 106.8 | 157.2 | 201.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.2 | 3.4 | 5.0 | 1.6 | 1.6 |
| 4.9 | 5.1 | 10.0 | 4.9 | 6.4 |
| 9.9 | 8.4 | 11.7 | 3.3 | 3.2 |
| 28.0 | 47.1 | 11.7 | 29.5 | 27.0 |
| 19.8 | 16.8 | 13.4 | 16.4 | 9.5 |
| 37.9 | 30.3 | 25.0 | 18.0 | 27.0 |
| 108.7 | 111.1 | 76.8 | 73.6 | 74.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| — | 6.7 | 1.7 | 1.6 | 3.2 |
| 9.9 | 10.1 | 5.0 | 18.0 | 4.8 |
| 8.2 | 3.4 | 5.0 | 9.8 | 9.5 |
| 9.9 | 11.8 | 13.4 | 16.4 | 14.3 |
| 1.6 | 1.7 | 1.7 | 6.5 | 1.6 |
| 23.1 | 11.8 | 21.7 | 8.2 | 14.3 |
| 52.7 | 45.5 | 48.4 | 60.6 | 47.7 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 3.3 | 1.6 | — |
| — | — | 1.7 | — | — |
| — | — | — | — | — |
| — | — | 5.0 | 1.6 | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | 1.7 | — | — |
| — | — | — | — | 1.6 |
| — | — | 1.7 | — | — |
| — | — | 3.3 | — | 1.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 4.9 | — | 1.7 | — |
| 3.2 | 1.6 | 1.7 | 1.7 | — |
| — | — | — | — | — |
| 3.2 | 6.6 | 1.7 | 3.3 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

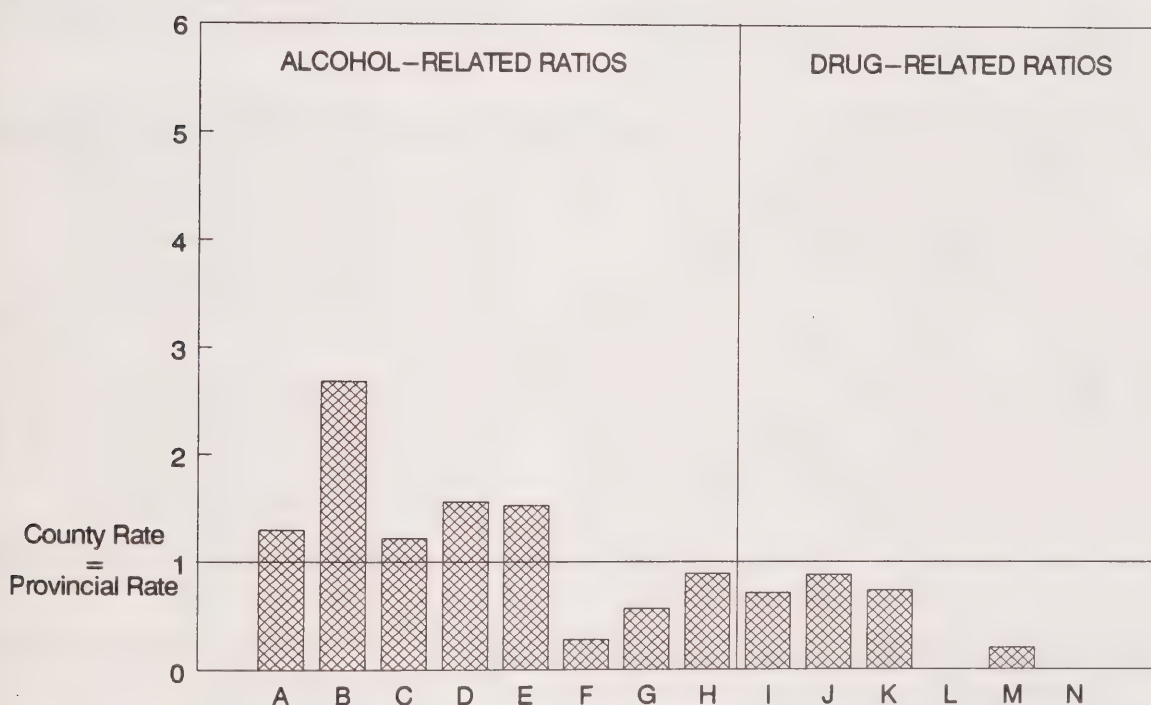
BRUCE

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP

| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0-9 | 10.4 | 10.5 | 10.0 | 9.6 | 8.6 | 9.2 | 10.3 |
| 10-14 | 5.2 | 5.1 | 5.0 | 4.8 | 4.2 | 4.3 | 4.9 |
| 15-19 | 5.2 | 5.0 | 4.8 | 4.5 | 4.8 | 4.9 | 4.6 |
| 20-29 | 9.6 | 9.7 | 9.6 | 8.3 | 8.5 | 8.7 | 8.5 |
| 30-39 | 9.2 | 9.6 | 9.4 | 9.3 | 9.6 | 9.7 | 9.9 |
| 40-49 | 5.9 | 6.1 | 6.1 | 6.4 | 7.1 | 7.4 | 7.0 |
| 50-59 | 5.2 | 5.0 | 5.0 | 5.4 | 5.5 | 5.4 | 5.7 |
| 60-64 | 2.9 | 3.0 | 2.7 | 2.8 | 2.9 | 2.7 | 3.0 |
| 65-74 | 4.6 | 4.7 | 4.6 | 5.0 | 5.2 | 5.3 | 5.4 |
| 75+ | 3.0 | 3.0 | 3.1 | 3.4 | 3.7 | 3.7 | 3.6 |
| Total Population | 61.3 | 61.6 | 60.7 | 59.4 | 59.9 | 61.1 | 62.9 |
| Aged 15 and Over | 45.7 | 46.0 | 45.7 | 45.0 | 47.1 | 47.6 | 47.7 |
| Aged 20 and Over | 40.5 | 41.0 | 40.9 | 40.5 | 42.3 | 42.7 | 43.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 813.3 |
| | | | | 40,140 |
| | | | | 12,942 |
| | | | | 5,951 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 2,146 | 1,983 | 2,235 | 2,382 | 2,329 |
| n.a. | 2 | - | - | - |
| n.a. | 1 | 5 | 4 | 4 |
| 740 | 571 | 570 | 557 | 556 |
| 16 | 28 | 31 | 27 | 20 |
| 2,902 | 2,585 | 2,841 | 2,970 | 2,909 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------------|------------|------------|------------|------------|
| 100 | 76 | 83 | 96 | 75 |
| 92 | 77 | 92 | 83 | 74 |
| 3 | 4 | 6 | 3 | 2 |
| 195 | 157 | 181 | 182 | 151 |

HOSPITAL SEPARATIONS**Primary Diagnoses**

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------|------------|------------|------------|------------|
| 42 | 52 | 42 | 36 | 34 |
| 244 | 299 | 262 | 210 | 200 |
| 49 | 48 | 48 | 40 | 27 |
| 39 | 55 | 50 | 51 | 39 |
| 6 | 2 | 4 | 6 | 4 |
| 380 | 456 | 406 | 343 | 304 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| | | | | |
|------------|------------|------------|------------|------------|
| 19 | 14 | 15 | 16 | 21 |
| 237 | 230 | 203 | 157 | 176 |
| 36 | 55 | 60 | 44 | 48 |
| 49 | 53 | 66 | 53 | 59 |
| 2 | 2 | 1 | 1 | - |
| 343 | 354 | 345 | 271 | 304 |

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------|-----------|-----------|-----------|----------|
| 2 | 1 | 3 | 1 | 1 |
| 13 | 10 | 6 | 8 | 4 |
| 18 | 7 | 3 | 4 | 2 |
| 33 | 18 | 12 | 13 | 7 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| | | | | |
|-----------|-----------|----------|----------|----------|
| - | 2 | 1 | - | - |
| 3 | - | 3 | 5 | 3 |
| 12 | 9 | 4 | 3 | 5 |
| 15 | 11 | 8 | 8 | 8 |

COCHRANE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.3 |
| | | | | 55,999 |
| | | | | 18,055 |
| | | | | 8,302 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,228.5 | 2,087.4 | 2,367.6 | 2,512.7 | 2,451.6 |
| n.a. | 2.1 | - | - | - |
| n.a. | 1.1 | 5.3 | 4.2 | 4.2 |
| 768.4 | 601.1 | 603.8 | 587.6 | 585.3 |
| 16.6 | 29.5 | 32.8 | 28.5 | 21.1 |
| 3,013.5 | 2,721.1 | 3,009.5 | 3,132.9 | 3,062.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 103.8 | 80.0 | 87.9 | 101.3 | 78.9 |
| 95.5 | 81.1 | 97.5 | 87.6 | 77.9 |
| 3.1 | 4.2 | 6.4 | 3.2 | 2.1 |
| 202.5 | 165.3 | 191.7 | 192.0 | 158.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 43.6 | 54.7 | 44.5 | 38.0 | 35.8 |
| 253.4 | 314.7 | 277.5 | 221.5 | 210.5 |
| 50.9 | 50.5 | 50.8 | 42.2 | 28.4 |
| 40.5 | 57.9 | 53.0 | 53.8 | 41.1 |
| 6.2 | 2.1 | 4.2 | 6.3 | 4.2 |
| 394.6 | 480.0 | 430.1 | 361.8 | 320.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 19.7 | 14.7 | 15.9 | 16.9 | 22.1 |
| 246.1 | 242.1 | 215.0 | 165.6 | 185.3 |
| 37.4 | 57.9 | 63.6 | 46.4 | 50.5 |
| 50.9 | 55.8 | 69.9 | 55.9 | 62.1 |
| 2.1 | 2.1 | 1.1 | 1.1 | - |
| 356.2 | 372.6 | 365.5 | 285.9 | 320.0 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.1 | 1.1 | 3.2 | 1.1 | 1.1 |
| 13.5 | 10.5 | 6.4 | 8.4 | 4.2 |
| 18.7 | 7.4 | 3.2 | 4.2 | 2.1 |
| 34.3 | 18.9 | 12.7 | 13.7 | 7.4 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 2.1 | 1.1 | - | - |
| 3.1 | - | 3.2 | 5.3 | 3.2 |
| 12.5 | 9.5 | 4.2 | 3.2 | 5.3 |
| 15.6 | 11.6 | 8.5 | 8.4 | 8.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | — | — |
| — | 2 | 3 | 1 | 1 |
| 5 | 7 | 7 | 6 | 7 |
| 6 | 9 | 10 | 7 | 8 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 224 | 225 | 154 | 213 | 190 |
| — | — | — | — | — |
| 10 | 10 | 28 | 74 | 107 |
| 35 | 12 | 24 | 9 | 137 |
| 7 | — | 5 | 4 | 3 |
| 21 | 14 | 16 | 7 | 17 |
| 295 | 261 | 226 | 306 | 452 |

HOSPITAL SEPARATIONSPrimary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 10 | 9 | 12 | 14 |
| 12 | 23 | 28 | 53 | 20 |
| 11 | 12 | 15 | 8 | 9 |
| 54 | 38 | 50 | 55 | 56 |
| 20 | 22 | 19 | 20 | 13 |
| 48 | 29 | 39 | 41 | 31 |
| 153 | 134 | 160 | 189 | 143 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|-----|----|
| 7 | 4 | 4 | 6 | 7 |
| 19 | 14 | 34 | 36 | 26 |
| 17 | 25 | 23 | 37 | 32 |
| 29 | 9 | 14 | 23 | 13 |
| 5 | 2 | 4 | 6 | 6 |
| 17 | 15 | 19 | 14 | 15 |
| 94 | 69 | 98 | 122 | 99 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 2 | — | 4 | — |
| 3 | 2 | — | — | — |
| 8 | 5 | 1 | 1 | 3 |
| 17 | 9 | 1 | 5 | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|---|---|----|---|
| — | — | 1 | 4 | 1 |
| 5 | 2 | 3 | 2 | 2 |
| 9 | 7 | 5 | 6 | 6 |
| 14 | 9 | 9 | 12 | 9 |

MORTALITYFrom Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 2 | — | — | 1 |
| 1 | 4 | 3 | — | 4 |
| 1 | 1 | — | 2 | — |
| 2 | 7 | 3 | 2 | 5 |

COCHRANE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.0 | — | — | — | — |
| — | 2.1 | 3.2 | 1.1 | 1.1 |
| 5.1 | 7.3 | 7.4 | 6.4 | 7.4 |
| 6.2 | 9.3 | 10.5 | 7.4 | 8.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 232.1 | 237.3 | 162.9 | 224.4 | 199.5 |
| — | — | — | — | — |
| 10.0 | 10.4 | 29.1 | 77.7 | 112.1 |
| 36.0 | 12.5 | 25.9 | 10.0 | 143.8 |
| 6.9 | — | 4.9 | 4.3 | 3.0 |
| 21.5 | 14.6 | 16.7 | 7.0 | 17.7 |
| 306.6 | 274.9 | 239.6 | 323.3 | 476.1 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.3 | 10.5 | 9.5 | 12.7 | 14.7 |
| 12.5 | 24.2 | 29.7 | 55.9 | 21.1 |
| 11.4 | 12.6 | 15.9 | 8.4 | 9.5 |
| 56.1 | 40.0 | 53.0 | 58.0 | 58.9 |
| 20.8 | 23.2 | 20.1 | 21.1 | 13.7 |
| 49.8 | 30.5 | 41.3 | 43.2 | 32.6 |
| 158.9 | 141.1 | 169.5 | 199.4 | 150.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|------------------|--|--------|
| General Hospital | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.3 | 4.2 | 4.2 | 6.3 | 7.4 |
| 19.7 | 14.7 | 36.0 | 38.0 | 27.4 |
| 17.7 | 26.3 | 24.4 | 39.0 | 33.7 |
| 30.1 | 9.5 | 14.8 | 24.3 | 13.7 |
| 5.2 | 2.1 | 4.2 | 6.3 | 6.3 |
| 17.7 | 15.8 | 20.1 | 14.8 | 15.8 |
| 97.6 | 72.6 | 103.8 | 128.7 | 104.2 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|--|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6.2 | 2.1 | — | 4.2 | — |
| 3.1 | 2.1 | — | — | — |
| 8.3 | 5.3 | 1.1 | 1.1 | 3.2 |
| 17.7 | 9.5 | 1.1 | 5.3 | 3.2 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | |
|------------------|-----------------------------|--|
| Mental Hospitals | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 1.1 | 4.2 | 1.1 |
| 5.2 | 2.1 | 3.2 | 2.1 | 2.1 |
| 9.3 | 7.4 | 5.3 | 6.3 | 6.3 |
| 14.5 | 9.5 | 9.5 | 12.7 | 9.5 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

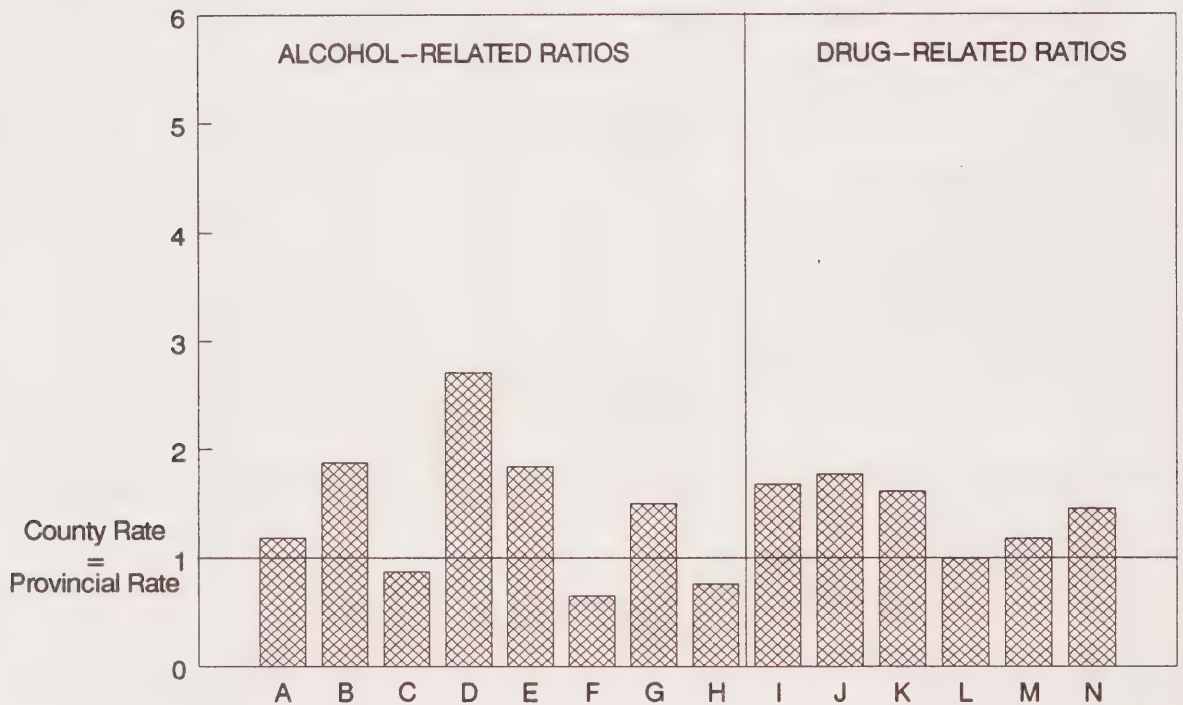
| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 2.1 | — | — | 1.1 |
| 1.0 | 4.2 | 3.2 | — | 4.2 |
| 1.0 | 1.0 | — | 2.1 | — |
| 2.1 | 7.3 | 3.2 | 2.1 | 5.3 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0- 9 | 16.3 | 16.2 | 15.9 | 15.3 | 15.4 | 15.6 | 15.6 |
| 10-14 | 8.7 | 8.5 | 8.2 | 7.7 | 7.6 | 7.5 | 7.4 |
| 15-19 | 9.5 | 8.9 | 8.4 | 8.1 | 8.1 | 7.8 | 7.7 |
| 20-29 | 18.6 | 18.9 | 18.5 | 17.6 | 16.8 | 16.3 | 15.5 |
| 30-39 | 13.9 | 14.3 | 14.7 | 15.0 | 15.3 | 15.5 | 16.1 |
| 40-49 | 9.7 | 9.8 | 9.7 | 10.2 | 10.4 | 11.0 | 11.6 |
| 50-59 | 9.1 | 9.1 | 8.8 | 9.0 | 8.8 | 8.6 | 8.5 |
| 60-64 | 3.7 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 65-74 | 4.8 | 4.9 | 4.9 | 4.9 | 5.0 | 5.2 | 5.4 |
| 75+ | 3.0 | 3.2 | 3.2 | 3.2 | 3.1 | 3.3 | 3.4 |
| Total Population | 97.4 | 97.4 | 96.3 | 95.0 | 94.4 | 94.8 | 95.0 |
| Aged 15 and Over | 72.4 | 72.7 | 72.2 | 72.0 | 71.4 | 71.7 | 72.0 |
| Aged 20 and Over | 62.9 | 63.8 | 63.8 | 63.9 | 63.3 | 63.9 | 64.3 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA

**ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

DUFFERIN

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 303.5 |
| | | | | 14,638 |
| | | | | 4,843 |
| | | | | 2,236 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|-------|-------|
| 645 | 633 | 627 | 821 | 806 |
| n.a. | - | 1 | - | 7 |
| n.a. | 6 | 4 | 1 | 1 |
| 221 | 161 | 152 | 192 | 181 |
| - | 3 | 3 | 15 | 6 |
| 866 | 803 | 787 | 1,029 | 1,001 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 41 | 45 | 37 | 61 | 45 |
| 57 | 81 | 52 | 42 | 48 |
| 4 | 1 | 4 | - | 2 |
| 102 | 127 | 93 | 103 | 95 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 2 | 2 | 4 | 10 |
| 40 | 28 | 28 | 26 | 21 |
| 6 | 6 | 4 | 4 | 3 |
| 10 | 13 | 6 | 19 | 11 |
| 3 | - | 5 | 1 | 1 |
| 62 | 49 | 45 | 54 | 46 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 3 | 2 | 3 | 3 | - |
| 41 | 33 | 30 | 35 | 40 |
| 3 | 10 | 6 | 6 | 6 |
| 9 | 11 | 14 | 9 | 15 |
| - | - | 2 | 1 | - |
| 56 | 56 | 55 | 54 | 61 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 4 | 2 | 2 | 3 | 1 |
| - | - | - | - | - |
| 4 | 2 | 2 | 3 | 1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 1 | - |
| - | - | - | 1 | 1 |
| 1 | - | - | - | - |
| 1 | - | - | 2 | 1 |

DUFFERIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.5 |
| | | | | 55,510 |
| | | | | 18,366 |
| | | | | 8,477 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,003.1 | 1,941.7 | 1,849.6 | 2,312.7 | 2,184.3 |
| n.a. | - | 2.9 | - | 19.0 |
| n.a. | 18.4 | 11.8 | 2.8 | 2.7 |
| 686.3 | 493.9 | 448.4 | 540.8 | 490.5 |
| - | 9.2 | 8.8 | 42.3 | 16.3 |
| 2,689.4 | 2,463.2 | 2,321.5 | 2,898.6 | 2,712.7 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 127.3 | 138.0 | 109.1 | 171.8 | 122.0 |
| 177.0 | 248.5 | 153.4 | 118.3 | 130.1 |
| 12.4 | 3.1 | 11.8 | - | 5.4 |
| 316.8 | 389.6 | 274.3 | 290.1 | 257.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.3 | 6.1 | 5.9 | 11.3 | 27.1 |
| 124.2 | 85.9 | 82.6 | 73.2 | 56.9 |
| 18.6 | 18.4 | 11.8 | 11.3 | 8.1 |
| 31.1 | 39.9 | 17.7 | 53.5 | 29.8 |
| 9.3 | - | 14.7 | 2.8 | 2.7 |
| 192.5 | 150.3 | 132.7 | 152.1 | 124.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.3 | 6.1 | 8.8 | 8.5 | - |
| 127.3 | 101.2 | 88.5 | 98.6 | 108.4 |
| 9.3 | 30.7 | 17.7 | 16.9 | 16.3 |
| 28.0 | 33.7 | 41.3 | 25.4 | 40.7 |
| - | - | 5.9 | 2.8 | - |
| 173.9 | 171.8 | 162.2 | 152.1 | 165.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 12.4 | 6.1 | 5.9 | 8.5 | 2.7 |
| - | - | - | - | - |
| 12.4 | 6.1 | 5.9 | 8.5 | 2.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 2.8 | - |
| - | - | - | 2.8 | 2.7 |
| 3.1 | - | - | - | - |
| 3.1 | - | - | 5.6 | 2.7 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

DUFFERIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | 3 | - | - | - |
| 2 | 2 | 1 | 3 | 5 |
| 2 | 5 | 1 | 3 | 5 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 41 | 21 | 23 | 38 | 42 |
| - | - | - | - | - |
| - | - | 1 | - | 1 |
| - | - | 6 | 9 | 68 |
| 1 | - | - | - | - |
| 3 | 3 | 1 | 1 | 6 |
| 45 | 23 | 31 | 49 | 117 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 2 | 1 | 1 | 1 |
| - | - | 2 | 5 | 1 |
| 2 | 1 | 4 | 4 | 1 |
| 15 | 19 | 17 | 16 | 18 |
| 8 | 5 | 1 | 5 | 6 |
| 17 | 10 | 13 | 11 | 13 |
| 42 | 37 | 38 | 42 | 40 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|---|----|---|
| - | 1 | - | 1 | 1 |
| 3 | 5 | 6 | 3 | 3 |
| 5 | 6 | - | 3 | 1 |
| 3 | 1 | 2 | 2 | 2 |
| - | 2 | - | - | - |
| 8 | 1 | 1 | 2 | 2 |
| 19 | 16 | 9 | 11 | 9 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | - | - | - |
| 2 | 1 | - | - | - |
| 2 | 1 | - | - | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | - | 1 | 1 |
| - | 2 | 2 | - | - |
| - | 2 | 2 | 1 | 1 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 1 | - | 2 | 1 | - |
| - | - | - | - | - |
| 1 | - | 2 | 1 | - |

DUFFERIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 9.3 | — | — | — |
| 6.2 | 6.2 | 3.1 | 8.8 | 14.1 |
| 6.2 | 15.5 | 3.1 | 8.8 | 14.1 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 127.3 | 63.6 | 66.9 | 107.7 | 114.5 |
| — | — | — | — | — |
| — | — | 3.9 | — | 3.2 |
| — | — | 18.0 | 26.6 | 185.1 |
| 4.1 | — | — | — | — |
| 8.0 | 7.7 | 3.6 | 3.7 | 15.2 |
| 139.5 | 71.3 | 92.4 | 138.0 | 318.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 6.1 | 2.9 | 2.8 | 2.7 |
| — | — | 5.9 | 14.1 | 2.7 |
| 6.2 | 3.1 | 11.8 | 11.3 | 2.7 |
| 46.6 | 58.3 | 50.1 | 45.1 | 48.8 |
| 24.8 | 15.3 | 2.9 | 14.1 | 16.3 |
| 52.8 | 30.7 | 38.3 | 31.0 | 35.2 |
| 130.4 | 113.5 | 112.1 | 118.3 | 108.4 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| — | 3.1 | — | 2.8 | 2.7 |
| 9.3 | 15.3 | 17.7 | 8.5 | 8.1 |
| 15.5 | 18.4 | — | 8.5 | 2.7 |
| 9.3 | 3.1 | 5.9 | 5.6 | 5.4 |
| — | 6.1 | — | — | — |
| 24.8 | 3.1 | 2.9 | 5.6 | 5.4 |
| 59.0 | 49.1 | 26.5 | 31.0 | 24.4 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | — | — | — |
| 6.2 | 3.1 | — | — | — |
| 6.2 | 3.1 | — | — | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| — | — | — | 2.8 | 2.7 |
| — | 6.1 | 5.9 | — | — |
| — | 6.1 | 5.9 | 2.8 | 2.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

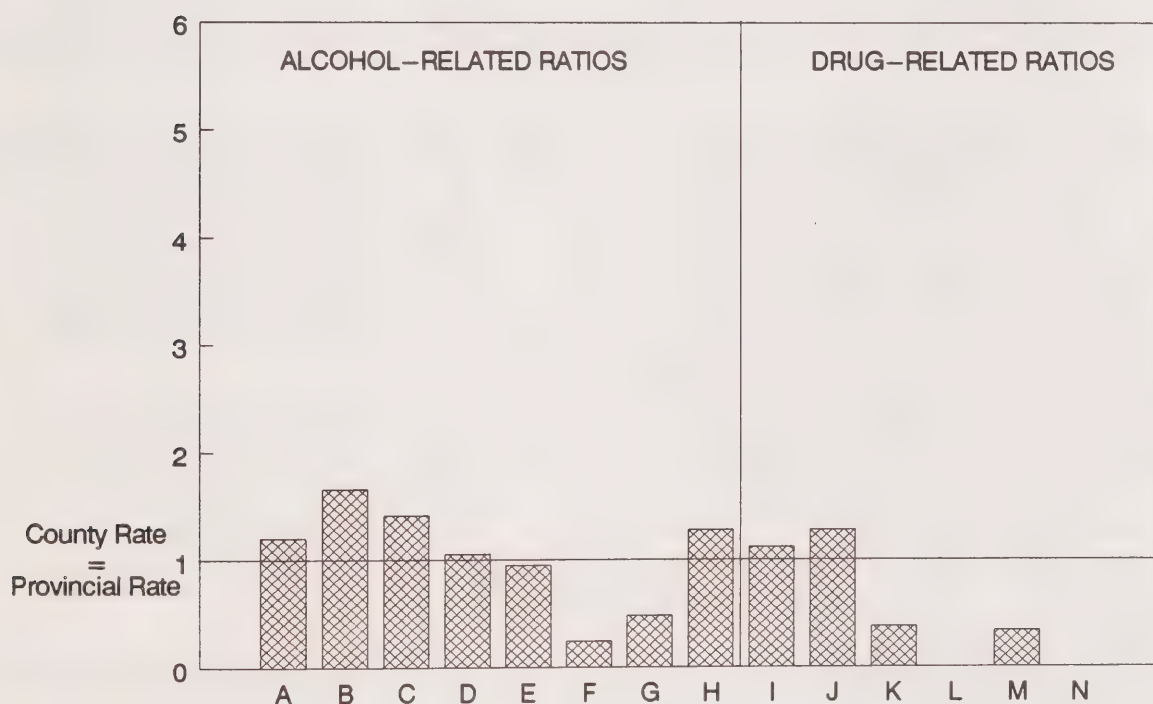
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 3.1 | — | 6.1 | 2.9 | — |
| — | — | — | — | — |
| 3.1 | — | 6.1 | 2.9 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

DUFFERIN

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 5.3 | 5.3 | 5.2 | 5.3 | 5.2 | 5.8 | 6.1 |
| 10-14 | 3.0 | 2.9 | 2.9 | 2.7 | 2.8 | 3.0 | 3.0 |
| 15-19 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 3.0 | 3.0 |
| 20-29 | 4.6 | 4.5 | 4.5 | 4.9 | 5.1 | 5.3 | 5.3 |
| 30-39 | 5.5 | 5.6 | 5.6 | 5.5 | 5.7 | 6.0 | 6.3 |
| 40-49 | 3.8 | 3.9 | 4.1 | 4.0 | 4.4 | 4.5 | 4.8 |
| 50-59 | 2.7 | 2.8 | 2.8 | 2.7 | 2.9 | 2.9 | 3.0 |
| 60-64 | 1.2 | 1.3 | 1.2 | 1.2 | 1.2 | 1.3 | 1.4 |
| 65-74 | 1.8 | 1.8 | 2.0 | 2.0 | 2.0 | 2.2 | 2.4 |
| 75+ | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.6 |
| Total Population | 31.9 | 32.2 | 32.2 | 32.6 | 33.9 | 35.5 | 36.9 |
| Aged 15 and Over | 23.6 | 24.0 | 24.1 | 24.6 | 25.9 | 26.7 | 27.8 |
| Aged 20 and Over | 20.8 | 21.2 | 21.3 | 21.8 | 23.0 | 23.7 | 24.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 706.6 |
| | | | | 53,397 |
| | | | | 10,497 |
| | | | | 4,585 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,031 | 928 | 902 | 859 | 899 |
| n.a. | 1 | 1 | - | 1 |
| n.a. | 4 | 2 | 2 | 1 |
| 489 | 463 | 400 | 462 | 525 |
| 1 | 16 | 8 | 23 | 27 |
| 1,521 | 1,412 | 1,313 | 1,346 | 1,453 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 141 | 127 | 123 | 107 | 105 |
| 154 | 132 | 137 | 97 | 97 |
| 6 | 12 | 5 | 7 | 11 |
| 301 | 271 | 265 | 211 | 213 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 15 | 12 | 15 | 20 |
| 117 | 84 | 76 | 80 | 76 |
| 23 | 21 | 19 | 9 | 14 |
| 37 | 50 | 46 | 58 | 47 |
| 1 | 3 | 2 | 8 | 4 |
| 187 | 173 | 155 | 170 | 161 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 8 | 7 | 10 | 14 | 14 |
| 114 | 122 | 149 | 161 | 109 |
| 11 | 14 | 12 | 28 | 19 |
| 49 | 65 | 70 | 71 | 55 |
| 3 | - | 2 | - | - |
| 185 | 208 | 243 | 274 | 197 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 2 | 1 | - | - |
| 10 | 17 | 16 | 5 | 10 |
| 1 | - | 1 | - | 1 |
| 13 | 19 | 18 | 5 | 11 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| 1 | - | - | 1 | - |
| 4 | 5 | 2 | 1 | 7 |
| - | - | - | - | - |
| 5 | 5 | 2 | 2 | 7 |

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.5 |
| | | | | 64,218 |
| | | | | 12,624 |
| | | | | 5,514 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|----------------|----------------|----------------|----------------|----------------|
| 1,003.9 | 901.8 | 865.6 | 813.4 | 837.8 |
| n.a. | 1.0 | 1.0 | — | 0.9 |
| n.a. | 3.9 | 1.9 | 1.9 | 0.9 |
| 476.1 | 450.0 | 383.9 | 437.5 | 489.3 |
| 1.0 | 15.5 | 7.7 | 21.8 | 25.2 |
| 1,481.0 | 1,372.2 | 1,260.1 | 1,274.6 | 1,354.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 137.3 | 123.4 | 118.0 | 101.3 | 97.9 |
| 150.0 | 128.3 | 131.5 | 91.9 | 90.4 |
| 5.8 | 11.7 | 4.8 | 6.6 | 10.3 |
| 293.1 | 263.4 | 254.3 | 199.8 | 198.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--------------|--------------|--------------|--------------|--------------|
| 8.8 | 14.6 | 11.5 | 14.2 | 18.6 |
| 113.9 | 81.6 | 72.9 | 75.8 | 70.8 |
| 22.4 | 20.4 | 18.2 | 8.5 | 13.0 |
| 36.0 | 48.6 | 44.1 | 54.9 | 43.8 |
| 1.0 | 2.9 | 1.9 | 7.6 | 3.7 |
| 182.1 | 168.1 | 148.8 | 161.0 | 150.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|--------------|--------------|--------------|--------------|--------------|
| 7.8 | 6.8 | 9.6 | 13.3 | 13.0 |
| 111.0 | 118.6 | 143.0 | 152.5 | 101.6 |
| 10.7 | 13.6 | 11.5 | 26.5 | 17.7 |
| 47.7 | 63.2 | 67.2 | 67.2 | 51.3 |
| 2.9 | — | 1.9 | — | — |
| 180.1 | 202.1 | 233.2 | 259.5 | 183.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------|-------------|-------------|-------------|-------------|
| 1.9 | 1.9 | 1.0 | — | — |
| 9.7 | 16.5 | 15.4 | 4.7 | 9.3 |
| 1.0 | — | 1.0 | — | 0.9 |
| 12.7 | 18.5 | 17.3 | 4.7 | 10.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|------------|------------|------------|------------|------------|
| 1.0 | — | — | 0.9 | — |
| 3.9 | 4.9 | 1.9 | 0.9 | 6.5 |
| — | — | — | — | — |
| 4.9 | 4.9 | 1.9 | 1.9 | 6.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | — | 1 | — |
| — | — | 1 | 2 | — |
| 13 | 6 | 10 | 6 | 14 |
| 13 | 7 | 11 | 9 | 14 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 55 | 119 | 40 | 30 | 49 |
| — | — | — | — | — |
| 3 | 4 | 3 | 7 | 43 |
| 21 | — | 18 | 9 | 13 |
| 1 | — | — | — | 4 |
| 4 | 4 | — | 1 | 20 |
| 83 | 127 | 61 | 48 | 129 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 6 | 7 | 4 | 2 |
| 12 | 12 | 10 | 28 | 17 |
| 3 | 2 | 3 | 2 | — |
| 27 | 29 | 38 | 43 | 31 |
| 18 | 24 | 17 | 12 | 5 |
| 41 | 38 | 48 | 46 | 37 |
| 109 | 111 | 123 | 135 | 92 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|-----|----|
| 2 | 5 | 6 | 2 | 5 |
| 16 | 17 | 22 | 35 | 21 |
| 5 | 8 | 5 | 10 | 9 |
| 19 | 15 | 22 | 29 | 14 |
| 5 | 7 | 4 | 10 | 4 |
| 19 | 27 | 22 | 30 | 12 |
| 66 | 79 | 81 | 116 | 65 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 3 | — | — |
| — | 3 | 6 | 1 | 6 |
| — | — | 2 | — | 1 |
| — | 3 | 11 | 1 | 7 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| — | — | — | — | — |
| 7 | 3 | 2 | 3 | 6 |
| 1 | — | 1 | 3 | 2 |
| 8 | 3 | 3 | 6 | 8 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | 1 | 1 | 2 |
| 3 | 2 | 2 | 1 | 2 |
| — | — | — | — | — |
| 4 | 2 | 3 | 2 | 4 |

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.0 | — | 1.0 | — |
| — | — | 1.0 | 1.9 | — |
| 12.7 | 5.8 | 9.7 | 5.8 | 13.3 |
| 12.7 | 6.8 | 10.7 | 8.6 | 13.3 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 53.2 | 116.1 | 38.7 | 28.3 | 46.1 |
| — | — | — | — | — |
| 2.7 | 4.1 | 2.5 | 7.0 | 40.2 |
| 20.3 | — | 17.6 | 8.9 | 11.9 |
| 1.3 | — | — | — | 4.0 |
| 3.8 | 3.7 | — | 1.3 | 18.3 |
| 81.2 | 123.9 | 58.8 | 45.4 | 120.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.8 | 5.8 | 6.7 | 3.8 | 1.9 |
| 11.7 | 11.7 | 9.6 | 26.5 | 15.8 |
| 2.9 | 1.9 | 2.9 | 1.9 | — |
| 26.3 | 28.2 | 36.5 | 40.7 | 28.9 |
| 17.5 | 23.3 | 16.3 | 11.4 | 4.7 |
| 39.9 | 36.9 | 46.1 | 43.6 | 34.5 |
| 106.1 | 107.9 | 118.0 | 127.8 | 85.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | 4.9 | 5.8 | 1.9 | 4.7 |
| 15.6 | 16.5 | 21.1 | 33.1 | 19.6 |
| 4.9 | 7.8 | 4.8 | 9.5 | 8.4 |
| 18.5 | 14.6 | 21.1 | 27.5 | 13.0 |
| 4.9 | 6.8 | 3.8 | 9.5 | 3.7 |
| 18.5 | 26.2 | 21.1 | 28.4 | 11.2 |
| 64.3 | 76.8 | 77.7 | 109.8 | 60.6 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 2.9 | — | — |
| — | 2.9 | 5.8 | 0.9 | 5.6 |
| — | — | 1.9 | — | 0.9 |
| — | 2.9 | 10.6 | 0.9 | 6.5 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 6.8 | 2.9 | 1.9 | 2.8 | 5.6 |
| 1.0 | — | 1.0 | 2.8 | 1.9 |
| 7.8 | 2.9 | 2.9 | 5.7 | 7.5 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

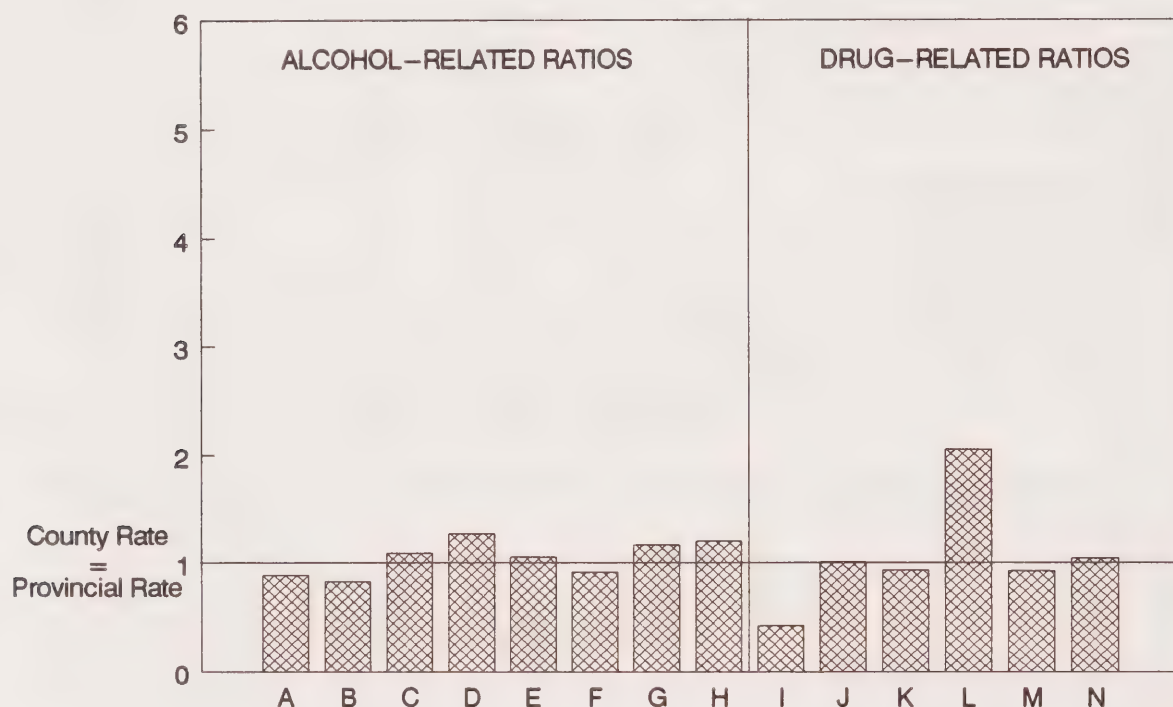
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.0 | — | 1.0 | 1.0 | 1.9 |
| 2.9 | 1.9 | 1.9 | 1.0 | 1.9 |
| — | — | — | — | — |
| 3.9 | 1.9 | 2.9 | 1.9 | 3.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

DUNDAS, GLENGARRY and STORMONT

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| (in thousands) | | | | | | | |
| 0- 9 | 14.4 | 14.4 | 14.5 | 14.6 | 14.8 | 15.0 | 15.4 |
| 10-14 | 7.8 | 7.7 | 7.9 | 7.7 | 7.8 | 7.6 | 7.8 |
| 15-19 | 9.2 | 8.7 | 8.3 | 7.8 | 7.9 | 7.7 | 7.9 |
| 20-29 | 17.1 | 17.5 | 17.7 | 16.6 | 15.6 | 14.3 | 16.9 |
| 30-39 | 14.3 | 14.8 | 14.8 | 15.5 | 15.9 | 16.5 | 16.4 |
| 40-49 | 10.7 | 10.9 | 10.9 | 11.5 | 12.3 | 13.4 | 12.4 |
| 50-59 | 10.7 | 10.4 | 10.4 | 10.2 | 10.2 | 10.2 | 10.4 |
| 60-64 | 4.9 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 |
| 65-74 | 7.9 | 7.9 | 7.9 | 8.2 | 8.4 | 9.2 | 8.7 |
| 75+ | 5.1 | 5.1 | 5.2 | 5.6 | 5.8 | 6.3 | 6.1 |
| Total Population | 101.8 | 102.4 | 102.7 | 102.9 | 104.2 | 105.6 | 107.3 |
| Aged 15 and Over | 79.6 | 80.3 | 80.3 | 80.6 | 81.6 | 83.0 | 84.1 |
| Aged 20 and Over | 70.4 | 71.6 | 72.0 | 72.8 | 73.7 | 75.3 | 76.2 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,704.9 |
| | | | | 177,214 |
| | | | | 41,169 |
| | | | | 18,218 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 5,478 | 5,613 | 1,833 | 1,765 | 1,937 |
| n.a. | - | - | 5 | - |
| n.a. | 7 | 31 | 32 | 50 |
| 1,388 | 1,487 | 1,425 | 1,537 | 1,751 |
| 137 | 140 | 129 | 179 | 213 |
| 7,003 | 7,247 | 3,418 | 3,518 | 3,951 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 398 | 354 | 365 | 458 | 429 |
| 450 | 392 | 454 | 386 | 326 |
| 15 | 17 | 16 | 15 | 14 |
| 863 | 763 | 835 | 859 | 769 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 47 | 60 | 48 | 71 | 42 |
| 153 | 196 | 165 | 155 | 131 |
| 18 | 20 | 17 | 23 | 20 |
| 109 | 118 | 162 | 128 | 127 |
| 6 | 5 | 16 | 9 | 15 |
| 333 | 399 | 408 | 386 | 335 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 25 | 38 | 27 | 38 | 30 |
| 217 | 267 | 266 | 247 | 233 |
| 27 | 27 | 23 | 24 | 29 |
| 122 | 145 | 137 | 166 | 136 |
| 2 | 1 | 4 | 6 | 6 |
| 393 | 478 | 457 | 481 | 434 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 7 | 6 | 4 | 3 |
| 30 | 16 | 13 | 5 | 12 |
| - | 1 | 8 | 10 | 9 |
| 38 | 24 | 27 | 19 | 24 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 2 | 1 | 1 | 1 | - |
| 25 | 19 | 6 | 6 | 7 |
| 3 | 3 | 21 | 16 | 24 |
| 30 | 23 | 28 | 23 | 31 |

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.4 |
| | | | | 61,685 |
| | | | | 14,330 |
| | | | | 6,341 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,733.0 | 1,720.7 | 536.9 | 486.8 | 504.7 |
| n.a. | - | - | 1.4 | - |
| n.a. | 2.1 | 9.1 | 8.8 | 13.0 |
| 439.1 | 455.9 | 417.4 | 423.9 | 456.2 |
| 43.3 | 42.9 | 37.8 | 49.4 | 55.5 |
| 2,215.4 | 2,221.6 | 1,001.2 | 970.2 | 1,029.4 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 125.9 | 108.5 | 106.9 | 126.3 | 111.8 |
| 142.4 | 120.2 | 133.0 | 106.5 | 84.9 |
| 4.7 | 5.2 | 4.7 | 4.1 | 3.6 |
| 273.0 | 233.9 | 244.6 | 236.9 | 200.4 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.9 | 18.4 | 14.1 | 19.6 | 10.9 |
| 48.4 | 60.1 | 48.3 | 42.7 | 34.1 |
| 5.7 | 6.1 | 5.0 | 6.3 | 5.2 |
| 34.5 | 36.2 | 47.5 | 35.3 | 33.1 |
| 1.9 | 1.5 | 4.7 | 2.5 | 3.9 |
| 105.3 | 122.3 | 119.5 | 106.5 | 87.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 7.9 | 11.6 | 7.9 | 10.5 | 7.8 |
| 68.6 | 81.9 | 77.9 | 68.1 | 60.7 |
| 8.5 | 8.3 | 6.7 | 6.6 | 7.6 |
| 38.6 | 44.5 | 40.1 | 45.8 | 35.4 |
| 0.6 | 0.3 | 1.2 | 1.7 | 1.6 |
| 124.3 | 146.5 | 133.9 | 132.7 | 113.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 2.1 | 1.8 | 1.1 | 0.8 |
| 9.5 | 4.9 | 3.8 | 1.4 | 3.1 |
| - | 0.3 | 2.3 | 2.8 | 2.3 |
| 12.0 | 7.4 | 7.9 | 5.2 | 6.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| 0.6 | 0.3 | 0.3 | 0.3 | - |
| 7.9 | 5.8 | 1.8 | 1.7 | 1.8 |
| 0.9 | 0.9 | 6.2 | 4.4 | 6.3 |
| 9.5 | 7.1 | 8.2 | 6.3 | 8.1 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 1 | 1 | 1 | — |
| 6 | 5 | 2 | 3 | 7 |
| 17 | 24 | 25 | 23 | 22 |
| 24 | 30 | 28 | 27 | 29 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 441 | 455 | 654 | 553 | 640 |
| 1 | — | — | 1 | — |
| 6 | 14 | 47 | 41 | 59 |
| 7 | — | 6 | 6 | 4 |
| — | — | 6 | 4 | 3 |
| 9 | 16 | 38 | 24 | 15 |
| 464 | 485 | 751 | 629 | 721 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 6 | 10 | 8 | 9 |
| 9 | 24 | 33 | 26 | 32 |
| 11 | 19 | 29 | 24 | 16 |
| 41 | 55 | 75 | 79 | 71 |
| 26 | 19 | 19 | 27 | 22 |
| 37 | 56 | 65 | 80 | 56 |
| 128 | 179 | 231 | 244 | 206 |

Secondary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 9 | 7 | 8 | 11 | 3 |
| 20 | 40 | 26 | 29 | 39 |
| 31 | 27 | 35 | 45 | 29 |
| 53 | 26 | 35 | 47 | 37 |
| 20 | 16 | 11 | 17 | 10 |
| 62 | 43 | 38 | 31 | 45 |
| 195 | 159 | 153 | 180 | 163 |

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 5 | 3 | 2 | 1 |
| 3 | 1 | 1 | 3 | 1 |
| 13 | 9 | 7 | 8 | 8 |
| 26 | 15 | 11 | 13 | 10 |

Secondary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| 1 | 1 | 1 | 1 | 1 |
| 8 | 5 | 1 | 3 | 3 |
| 27 | 24 | 47 | 53 | 33 |
| 36 | 30 | 49 | 57 | 37 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 3 | — | 2 | 5 |
| 3 | 4 | 6 | 5 | 5 |
| — | 1 | — | — | 2 |
| 7 | 8 | 6 | 7 | 12 |

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.3 | 0.3 | 0.3 | 0.3 | — |
| 2.0 | 1.6 | 0.6 | 0.9 | 1.9 |
| 5.5 | 7.6 | 7.7 | 6.7 | 6.1 |
| 7.8 | 9.5 | 8.6 | 7.9 | 8.0 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 139.5 | 139.4 | 191.6 | 152.6 | 166.7 |
| 0.4 | — | — | 0.4 | — |
| 1.7 | 4.3 | 13.8 | 11.2 | 15.3 |
| 2.2 | — | 1.8 | 1.7 | 1.1 |
| — | — | 1.8 | 1.1 | 0.7 |
| 2.9 | 5.0 | 11.0 | 6.6 | 4.0 |
| 146.7 | 148.7 | 220.0 | 173.5 | 187.8 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 1.8 | 2.9 | 2.2 | 2.3 |
| 2.8 | 7.4 | 9.7 | 7.2 | 8.3 |
| 3.5 | 5.8 | 8.5 | 6.6 | 4.2 |
| 13.0 | 16.9 | 22.0 | 21.8 | 18.5 |
| 8.2 | 5.8 | 5.6 | 7.4 | 5.7 |
| 11.7 | 17.2 | 19.0 | 22.1 | 14.6 |
| 40.5 | 54.9 | 67.7 | 67.3 | 53.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| 2.8 | 2.1 | 2.3 | 3.0 | 0.8 |
| 6.3 | 12.3 | 7.6 | 8.0 | 10.2 |
| 9.8 | 8.3 | 10.3 | 12.4 | 7.6 |
| 16.8 | 8.0 | 10.3 | 13.0 | 9.6 |
| 6.3 | 4.9 | 3.2 | 4.7 | 2.6 |
| 19.6 | 13.2 | 11.1 | 8.5 | 11.7 |
| 61.7 | 48.7 | 44.8 | 49.6 | 42.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.2 | 1.5 | 0.9 | 0.6 | 0.3 |
| 0.9 | 0.3 | 0.3 | 0.8 | 0.3 |
| 4.1 | 2.8 | 2.1 | 2.2 | 2.1 |
| 8.2 | 4.6 | 3.2 | 3.6 | 2.6 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|------|-----|------|------|-----|
| 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 2.5 | 1.5 | 0.3 | 0.8 | 0.8 |
| 8.5 | 7.4 | 13.8 | 14.6 | 8.6 |
| 11.4 | 9.2 | 14.4 | 15.7 | 9.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

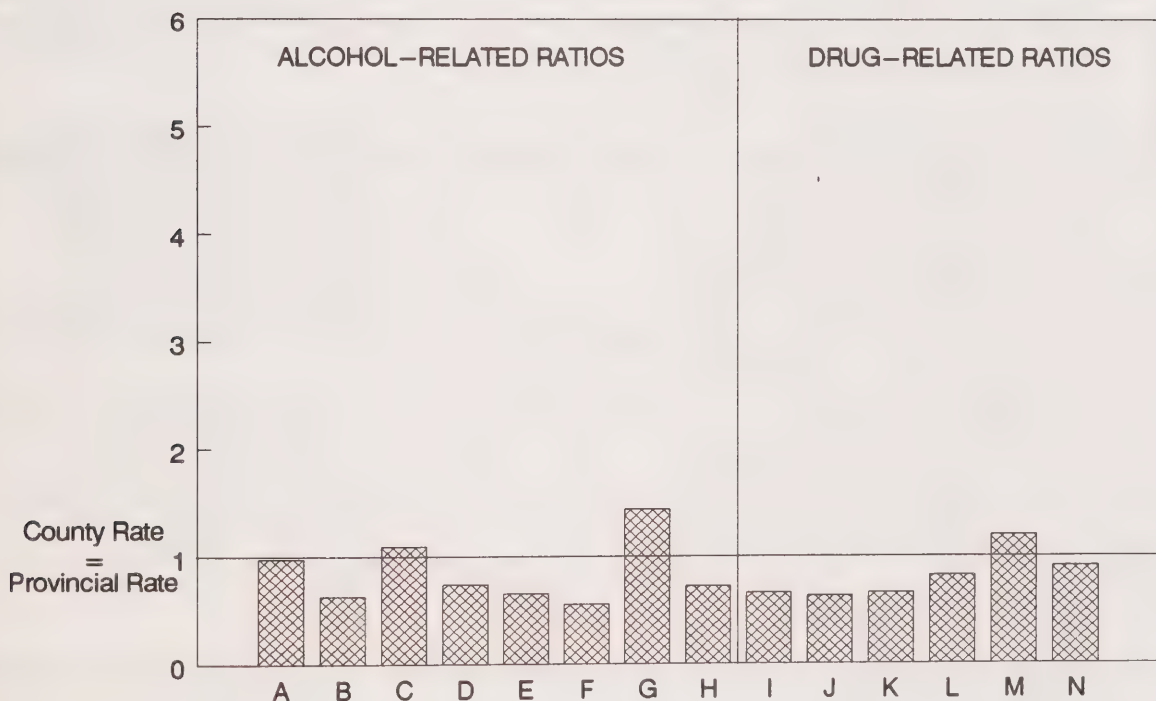
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.3 | 0.9 | — | 0.6 | 1.4 |
| 1.0 | 1.3 | 1.8 | 1.5 | 1.4 |
| — | 0.3 | — | — | 0.6 |
| 2.3 | 2.5 | 1.8 | 2.1 | 3.3 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

DURHAM REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 47.3 | 48.8 | 50.0 | 52.4 | 54.7 | 58.4 | 62.5 |
| 10-14 | 24.4 | 24.6 | 24.8 | 25.1 | 25.4 | 25.5 | 29.1 |
| 15-19 | 25.9 | 25.1 | 24.8 | 24.9 | 25.5 | 26.0 | 28.5 |
| 20-29 | 51.1 | 52.4 | 53.5 | 57.4 | 59.1 | 61.3 | 66.0 |
| 30-39 | 53.1 | 55.9 | 59.2 | 59.3 | 63.2 | 69.5 | 70.5 |
| 40-49 | 35.1 | 36.9 | 39.0 | 40.2 | 43.9 | 48.7 | 48.6 |
| 50-59 | 27.6 | 28.1 | 28.6 | 29.0 | 29.9 | 30.6 | 33.5 |
| 60-64 | 10.4 | 11.2 | 11.7 | 12.2 | 12.7 | 13.1 | 14.1 |
| 65-74 | 13.6 | 14.0 | 14.5 | 15.6 | 16.6 | 18.1 | 18.9 |
| 75+ | 9.2 | 9.6 | 10.0 | 10.0 | 10.4 | 11.2 | 12.1 |
| Total Population | 297.8 | 306.6 | 316.1 | 326.2 | 341.4 | 362.6 | 383.8 |
| Aged 15 and Over | 226.1 | 233.2 | 241.3 | 248.7 | 261.3 | 278.7 | 292.2 |
| Aged 20 and Over | 200.2 | 208.1 | 216.5 | 223.8 | 235.8 | 252.7 | 263.7 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 421.5 |
| | | | | 37,633 |
| | | | | 6,058 |
| | | | | 2,626 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,343 | 1,618 | 1,403 | 1,300 | 1,357 |
| n.a. | - | 1 | 1 | 1 |
| n.a. | 1 | 2 | 5 | 2 |
| 552 | 533 | 383 | 322 | 311 |
| 7 | 29 | 36 | 25 | 15 |
| 1,902 | 2,181 | 1,825 | 1,653 | 1,686 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 78 | 70 | 62 | 61 | 51 |
| 82 | 72 | 74 | 71 | 73 |
| 2 | 6 | 6 | 5 | 5 |
| 162 | 148 | 142 | 137 | 129 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 7 | 8 | 3 | 10 |
| 43 | 32 | 27 | 26 | 21 |
| 11 | 21 | 18 | 15 | 15 |
| 37 | 34 | 30 | 32 | 18 |
| 3 | 10 | 10 | 6 | 9 |
| 97 | 104 | 93 | 82 | 73 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|----|----|
| 11 | 12 | 12 | 5 | 6 |
| 66 | 74 | 84 | 53 | 38 |
| 11 | 17 | 9 | 10 | 14 |
| 33 | 46 | 29 | 22 | 34 |
| 1 | - | - | - | - |
| 122 | 149 | 134 | 90 | 92 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 2 | 2 | 4 |
| 56 | 53 | 41 | 41 | 39 |
| 1 | 2 | 2 | 2 | 2 |
| 58 | 55 | 45 | 45 | 45 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 1 | 1 | - | - | 3 |
| 15 | 19 | 23 | 20 | 28 |
| 5 | 7 | 3 | 4 | 6 |
| 21 | 27 | 26 | 24 | 37 |

ELGIN

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988–89 |
| | | | | 7.5 |
| | | | | 66,915 |
| | | | | 10,772 |
| | | | | 4,669 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,915.8 | 2,301.6 | 1,959.5 | 1,790.6 | 1,821.5 |
| n.a. | — | 1.4 | 1.4 | 1.3 |
| n.a. | 1.4 | 2.8 | 6.9 | 2.7 |
| 787.4 | 758.2 | 534.9 | 443.5 | 417.4 |
| 10.0 | 41.3 | 50.3 | 34.4 | 20.1 |
| 2,713.3 | 3,102.4 | 2,548.9 | 2,276.9 | 2,263.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 111.3 | 99.6 | 86.6 | 84.0 | 68.5 |
| 117.0 | 102.4 | 103.4 | 97.8 | 98.0 |
| 2.9 | 8.5 | 8.4 | 6.9 | 6.7 |
| 231.1 | 210.5 | 198.3 | 188.7 | 173.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

| General Hospitals | Primary Diagnoses | | | | |
|-------------------|-------------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | Chronic Liver Disease and Cirrhosis | | | | |
| | Toxic Effects of Alcohol | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| County Province | | | | | |

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 4.3 | 10.0 | 11.2 | 4.1 | 13.4 |
| 61.3 | 45.5 | 37.7 | 35.8 | 28.2 |
| 15.7 | 29.9 | 25.1 | 20.7 | 20.1 |
| 52.8 | 48.4 | 41.9 | 44.1 | 24.2 |
| 4.3 | 14.2 | 14.0 | 8.3 | 12.1 |
| 138.4 | 147.9 | 129.9 | 112.9 | 98.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

| General Hospitals | Secondary Diagnoses | | | | |
|-------------------|-------------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | Chronic Liver Disease and Cirrhosis | | | | |
| | Toxic Effects of Alcohol | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| County Province | | | | | |

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 15.7 | 17.1 | 16.8 | 6.9 | 8.1 |
| 94.2 | 105.3 | 117.3 | 73.0 | 51.0 |
| 15.7 | 24.2 | 12.6 | 13.8 | 18.8 |
| 47.1 | 65.4 | 40.5 | 30.3 | 45.6 |
| 1.4 | — | — | — | — |
| 174.0 | 211.9 | 187.2 | 124.0 | 123.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

| Mental Hospitals | Primary Diagnoses | | | | |
|------------------|-------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| County Province | | | | | |

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 1.4 | — | 2.8 | 2.8 | 5.4 |
| 79.9 | 75.4 | 57.3 | 56.5 | 52.3 |
| 1.4 | 2.8 | 2.8 | 2.8 | 2.7 |
| 82.7 | 78.2 | 62.8 | 62.0 | 60.4 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

| Mental Hospitals | Secondary Diagnoses | | | | |
|------------------|-------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| County Province | | | | | |

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 1.4 | 1.4 | — | — | 4.0 |
| 21.4 | 27.0 | 32.1 | 27.5 | 37.6 |
| 7.1 | 10.0 | 4.2 | 5.5 | 8.1 |
| 30.0 | 38.4 | 36.3 | 33.1 | 49.7 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ELGIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 1 |
| 1 | 1 | 1 | 3 | 3 |
| 5 | 4 | 4 | 10 | 1 |
| 6 | 5 | 5 | 13 | 5 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 122 | 130 | 165 | 123 | 117 |
| — | — | 1 | 1 | — |
| 4 | — | 4 | 4 | 5 |
| 7 | 24 | 31 | — | 21 |
| 4 | — | — | 2 | — |
| — | 1 | 5 | 5 | 3 |
| 137 | 155 | 206 | 135 | 146 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | — | 1 | 1 | 4 |
| 3 | — | 3 | 3 | 1 |
| 4 | 3 | 1 | 4 | 4 |
| 31 | 26 | 33 | 42 | 24 |
| 7 | 5 | 14 | 4 | 5 |
| 31 | 31 | 29 | 31 | 27 |
| 77 | 65 | 81 | 85 | 65 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | — | 3 | 3 | — |
| 5 | 7 | 7 | 1 | 2 |
| 4 | 5 | 6 | 7 | 7 |
| 3 | 10 | 7 | 2 | 5 |
| — | 2 | — | 1 | — |
| 11 | 7 | 7 | 11 | 5 |
| 25 | 31 | 30 | 25 | 19 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 1 | 3 | 1 |
| 12 | 9 | 12 | 7 | 8 |
| — | 2 | — | 2 | — |
| 13 | 12 | 13 | 12 | 9 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| 2 | — | — | — | — |
| 24 | 21 | 29 | 20 | 27 |
| 5 | 1 | 11 | 17 | 6 |
| 31 | 22 | 40 | 37 | 33 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 1 | — |
| — | 4 | 1 | — | 2 |
| — | — | 1 | — | — |
| 1 | 4 | 2 | 1 | 2 |

ELGIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 1.4 |
| 1.4 | 1.4 | 1.4 | 4.2 | 4.1 |
| 7.2 | 5.7 | 5.7 | 14.0 | 1.4 |
| 8.6 | 7.1 | 7.1 | 18.2 | 6.9 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 173.6 | 185.5 | 230.6 | 169.5 | 157.2 |
| — | — | 1.9 | 1.8 | — |
| 5.9 | — | 5.5 | 5.1 | 6.4 |
| 9.9 | 33.8 | 42.7 | — | 28.7 |
| 5.7 | — | — | 2.8 | — |
| — | 1.8 | 6.8 | 7.3 | 3.8 |
| 195.1 | 221.1 | 287.5 | 186.5 | 196.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.4 | — | 1.4 | 1.4 | 5.4 |
| 4.3 | — | 4.2 | 4.1 | 1.3 |
| 5.7 | 4.3 | 1.4 | 5.5 | 5.4 |
| 44.2 | 37.0 | 46.1 | 57.9 | 32.2 |
| 10.0 | 7.1 | 19.6 | 5.5 | 6.7 |
| 44.2 | 44.1 | 40.5 | 42.7 | 36.2 |
| 109.8 | 92.5 | 113.1 | 117.1 | 87.2 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| | | | | |
|------|------|------|------|------|
| 2.9 | — | 4.2 | 4.1 | — |
| 7.1 | 10.0 | 9.8 | 1.4 | 2.7 |
| 5.7 | 7.1 | 8.4 | 9.6 | 9.4 |
| 4.3 | 14.2 | 9.8 | 2.8 | 6.7 |
| — | 2.8 | — | 1.4 | — |
| 15.7 | 10.0 | 9.8 | 15.2 | 6.7 |
| 35.7 | 44.1 | 41.9 | 34.4 | 25.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.4 | 1.4 | 1.4 | 4.1 | 1.3 |
| 17.1 | 12.8 | 16.8 | 9.6 | 10.7 |
| — | 2.8 | — | 2.8 | — |
| 18.5 | 17.1 | 18.2 | 16.5 | 12.1 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| | | | | |
|------|------|------|------|------|
| 2.9 | — | — | — | — |
| 34.2 | 29.9 | 40.5 | 27.5 | 36.2 |
| 7.1 | 1.4 | 15.4 | 23.4 | 8.1 |
| 44.2 | 31.3 | 55.9 | 51.0 | 44.3 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

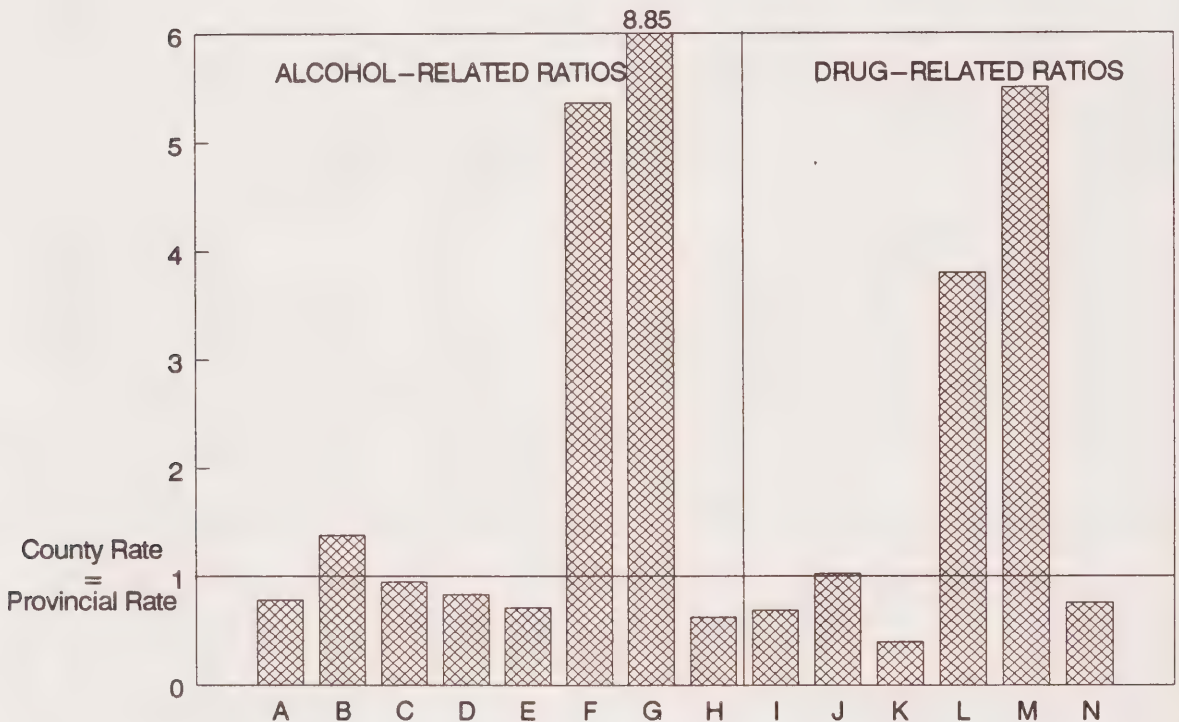
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.4 | — | — | 1.4 | — |
| — | 5.7 | 1.4 | — | 2.8 |
| — | — | 1.4 | — | — |
| 1.4 | 5.7 | 2.8 | 1.4 | 2.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ELGIN

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | (in thousands) | | | | | | |
| 0- 9 | 10.3 | 10.0 | 10.0 | 10.2 | 10.4 | 10.7 | 10.9 |
| 10-14 | 5.9 | 5.7 | 5.7 | 5.5 | 5.6 | 5.6 | 5.7 |
| 15-19 | 6.3 | 6.1 | 5.9 | 5.9 | 5.8 | 5.9 | 6.0 |
| 20-29 | 10.6 | 11.2 | 11.7 | 11.0 | 11.8 | 11.1 | 11.3 |
| 30-39 | 10.0 | 10.0 | 10.1 | 10.4 | 10.2 | 10.7 | 11.1 |
| 40-49 | 7.4 | 7.5 | 7.8 | 8.0 | 8.6 | 8.4 | 8.7 |
| 50-59 | 6.8 | 6.7 | 6.5 | 6.6 | 6.6 | 6.7 | 6.8 |
| 60-64 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.6 | 3.7 |
| 65-74 | 5.1 | 5.2 | 5.3 | 5.4 | 5.6 | 5.6 | 5.9 |
| 75+ | 3.8 | 3.9 | 3.9 | 4.0 | 3.9 | 4.2 | 4.4 |
| Total Population | 69.6 | 69.9 | 70.1 | 70.3 | 71.6 | 72.6 | 74.5 |
| Aged 15 and Over | 53.4 | 54.2 | 54.4 | 54.6 | 55.6 | 56.3 | 57.9 |
| Aged 20 and Over | 47.1 | 48.1 | 48.5 | 48.7 | 49.8 | 50.4 | 51.9 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,302.3 |
| | | | | 165,080 |
| | | | | 34,511 |
| | | | | 15,161 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 3,536 | 4,418 | 4,099 | 3,780 | 3,652 |
| n.a. | 1 | 3 | 2 | 2 |
| n.a. | 76 | 83 | 69 | 63 |
| 1,374 | 1,467 | 1,221 | 1,090 | 1,136 |
| 27 | 156 | 108 | 74 | 84 |
| 4,937 | 6,118 | 5,514 | 5,015 | 4,937 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 411 | 400 | 399 | 354 | 343 |
| 528 | 477 | 436 | 388 | 322 |
| 17 | 16 | 15 | 14 | 20 |
| 956 | 893 | 850 | 756 | 685 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 42 | 49 | 41 | 24 | 32 |
| 120 | 97 | 102 | 103 | 124 |
| 26 | 46 | 31 | 24 | 15 |
| 133 | 119 | 146 | 119 | 128 |
| 12 | 3 | 8 | 3 | 6 |
| 333 | 314 | 328 | 273 | 305 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| | | | | |
|-----|-----|-----|-----|-----|
| 25 | 15 | 21 | 23 | 20 |
| 305 | 353 | 325 | 326 | 353 |
| 46 | 74 | 66 | 42 | 45 |
| 228 | 186 | 198 | 210 | 212 |
| 8 | 5 | 12 | 5 | 7 |
| 612 | 633 | 622 | 606 | 637 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 2 | - | 4 |
| 30 | 27 | 18 | 19 | 19 |
| - | - | - | - | - |
| 32 | 28 | 20 | 19 | 23 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| | | | | |
|----|----|----|----|----|
| 1 | - | 1 | - | 1 |
| 12 | 12 | 9 | 12 | 12 |
| 2 | - | - | 3 | 1 |
| 15 | 12 | 10 | 15 | 14 |

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.8 |
| | | | | 63,307 |
| | | | | 13,235 |
| | | | | 5,814 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,126.1 | 1,396.3 | 1,285.0 | 1,177.6 | 1,130.0 |
| n.a. | 0.3 | 0.9 | 0.6 | 0.6 |
| n.a. | 24.0 | 26.0 | 21.5 | 19.5 |
| 437.6 | 463.7 | 382.8 | 339.6 | 351.5 |
| 8.6 | 49.3 | 33.9 | 23.1 | 26.0 |
| 1,572.3 | 1,933.6 | 1,728.5 | 1,562.3 | 1,527.5 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 130.9 | 126.4 | 125.1 | 110.3 | 106.1 |
| 168.2 | 150.8 | 136.7 | 120.9 | 99.6 |
| 5.4 | 5.1 | 4.7 | 4.4 | 6.2 |
| 304.5 | 282.2 | 266.5 | 235.5 | 211.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.4 | 15.5 | 12.9 | 7.5 | 9.9 |
| 38.2 | 30.7 | 32.0 | 32.1 | 38.4 |
| 8.3 | 14.5 | 9.7 | 7.5 | 4.6 |
| 42.4 | 37.6 | 45.8 | 37.1 | 39.6 |
| 3.8 | 0.9 | 2.5 | 0.9 | 1.9 |
| 106.1 | 99.2 | 102.8 | 85.0 | 94.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.0 | 4.7 | 6.6 | 7.2 | 6.2 |
| 97.1 | 111.6 | 101.9 | 101.6 | 109.2 |
| 14.6 | 23.4 | 20.7 | 13.1 | 13.9 |
| 72.6 | 58.8 | 62.1 | 65.4 | 65.6 |
| 2.5 | 1.6 | 3.8 | 1.6 | 2.2 |
| 194.9 | 200.1 | 195.0 | 188.8 | 197.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.6 | 0.3 | 0.6 | - | 1.2 |
| 9.6 | 8.5 | 5.6 | 5.9 | 5.9 |
| - | - | - | - | - |
| 10.2 | 8.8 | 6.3 | 5.9 | 7.1 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | - | 0.3 | - | 0.3 |
| 3.8 | 3.8 | 2.8 | 3.7 | 3.7 |
| 0.6 | - | - | 0.9 | 0.3 |
| 4.8 | 3.8 | 3.1 | 4.7 | 4.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ESSEX

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | - | 1 | - |
| 3 | 2 | 6 | 5 | 3 |
| 39 | 33 | 36 | 46 | 39 |
| 42 | 36 | 42 | 52 | 42 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 351 | 235 | 277 | 202 | 281 |
| 1 | 1 | - | 3 | 1 |
| 44 | 21 | 59 | 60 | 87 |
| 69 | 36 | 37 | 31 | 231 |
| - | 3 | 28 | 27 | 7 |
| 14 | 18 | 36 | 20 | 32 |
| 480 | 314 | 437 | 343 | 640 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13 | 8 | 7 | 19 | 20 |
| 26 | 28 | 34 | 43 | 71 |
| 51 | 41 | 31 | 22 | 16 |
| 61 | 72 | 65 | 87 | 59 |
| 43 | 46 | 51 | 47 | 43 |
| 78 | 70 | 80 | 84 | 89 |
| 272 | 265 | 268 | 302 | 298 |

General Hospitals

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 4 | 10 | 17 | 11 | 11 |
| 64 | 47 | 62 | 53 | 80 |
| 65 | 66 | 52 | 34 | 43 |
| 31 | 58 | 46 | 51 | 37 |
| 42 | 27 | 38 | 39 | 29 |
| 44 | 44 | 72 | 67 | 62 |
| 250 | 252 | 287 | 255 | 262 |

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 7 | 1 | 6 | - |
| 8 | 8 | 1 | 6 | 10 |
| 3 | - | - | - | - |
| 14 | 15 | 2 | 12 | 10 |

Mental Hospitals

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| 4 | 3 | 6 | - | 2 |
| 10 | 20 | 16 | 15 | 21 |
| - | 2 | 4 | 9 | 6 |
| 14 | 25 | 26 | 24 | 29 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 2 | 3 | 4 | 6 |
| 8 | 2 | 6 | 4 | 8 |
| - | 1 | 1 | 2 | - |
| 12 | 5 | 10 | 10 | 14 |

ESSEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.3 | — | 0.3 | — |
| 1.0 | 0.6 | 1.9 | 1.6 | 0.9 |
| 12.5 | 10.5 | 11.4 | 14.4 | 12.1 |
| 13.4 | 11.5 | 13.3 | 16.3 | 13.1 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 111.9 | 74.3 | 86.9 | 62.9 | 87.0 |
| 0.4 | 0.4 | — | 0.8 | 0.4 |
| 14.0 | 6.7 | 18.5 | 18.7 | 27.0 |
| 22.1 | 11.3 | 11.5 | 9.8 | 71.3 |
| — | 1.0 | 8.7 | 8.3 | 2.2 |
| 4.5 | 5.6 | 11.4 | 6.2 | 10.0 |
| 153.0 | 99.3 | 137.0 | 106.7 | 197.9 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.1 | 2.5 | 2.2 | 5.9 | 6.2 |
| 8.3 | 8.8 | 10.7 | 13.4 | 22.0 |
| 16.2 | 13.0 | 9.7 | 6.9 | 5.0 |
| 19.4 | 22.8 | 20.4 | 27.1 | 18.3 |
| 13.7 | 14.5 | 16.0 | 14.6 | 13.3 |
| 24.8 | 22.1 | 25.1 | 26.2 | 27.5 |
| 86.6 | 83.8 | 84.0 | 94.1 | 92.2 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|------------------|--|--------------------|
| General Hospital | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 3.2 | 5.3 | 3.4 | 3.4 |
| 20.4 | 14.9 | 19.4 | 16.5 | 24.8 |
| 20.7 | 20.9 | 16.3 | 10.6 | 13.3 |
| 9.9 | 18.3 | 14.4 | 15.9 | 11.4 |
| 13.4 | 8.5 | 11.9 | 12.1 | 9.0 |
| 14.0 | 13.9 | 22.6 | 20.9 | 19.2 |
| 79.6 | 79.6 | 90.0 | 79.4 | 81.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.0 | 2.2 | 0.3 | 1.9 | — |
| 2.5 | 2.5 | 0.3 | 1.9 | 3.1 |
| 1.0 | — | — | — | — |
| 4.5 | 4.7 | 0.6 | 3.7 | 3.1 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | |
|--------|-----------------------------|----------|
| Mental | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 0.9 | 1.9 | — | 0.6 |
| 3.2 | 6.3 | 5.0 | 4.7 | 6.5 |
| — | 0.6 | 1.3 | 2.8 | 1.9 |
| 4.5 | 7.9 | 8.2 | 7.5 | 9.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

| | |
|--|--|
| <u>From Drugs, Medicaments & Biologicals</u> | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

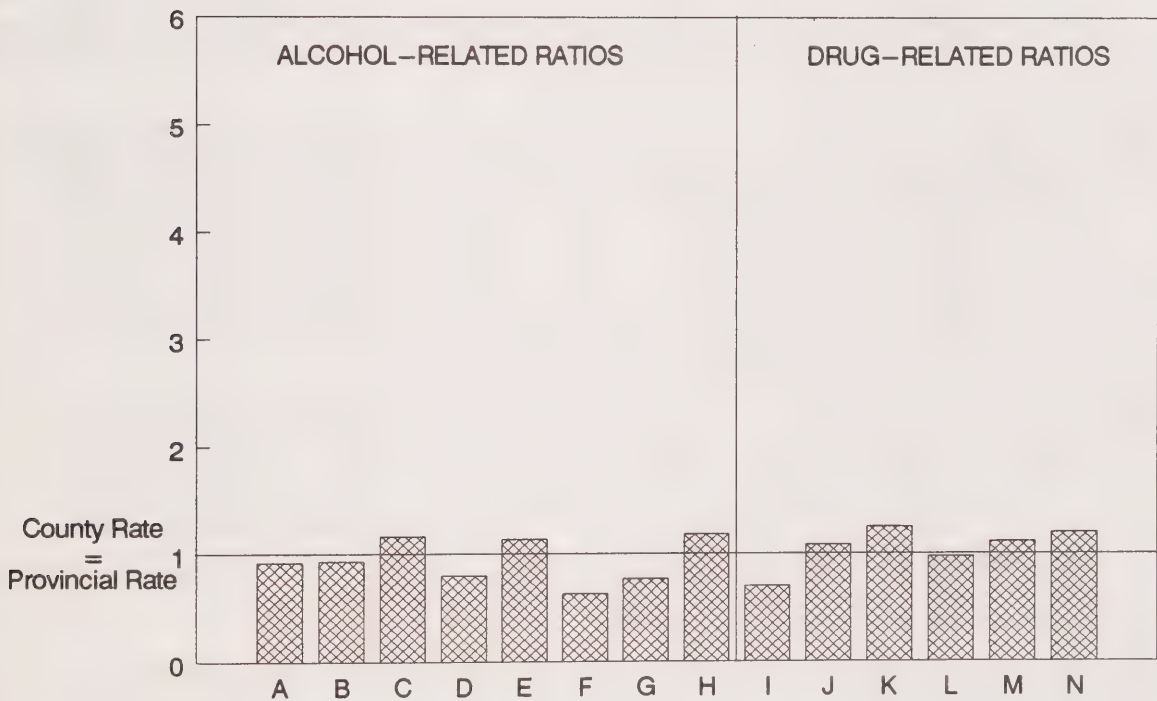
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.3 | 0.6 | 0.9 | 1.3 | 1.9 |
| 2.6 | 0.6 | 1.9 | 1.3 | 2.5 |
| — | 0.3 | 0.3 | 0.6 | — |
| 3.8 | 1.6 | 3.2 | 3.1 | 4.4 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESSEX

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 43.4 | 43.3 | 43.1 | 43.2 | 43.4 | 44.8 | 44.8 |
| 10-14 | 25.2 | 24.7 | 24.2 | 23.8 | 23.3 | 23.2 | 22.7 |
| 15-19 | 28.3 | 27.0 | 26.3 | 26.0 | 25.8 | 24.9 | 24.2 |
| 20-29 | 52.5 | 54.4 | 55.9 | 55.2 | 55.5 | 54.6 | 53.7 |
| 30-39 | 45.0 | 45.8 | 46.9 | 48.3 | 48.9 | 49.3 | 50.3 |
| 40-49 | 33.0 | 33.6 | 34.2 | 35.2 | 37.0 | 38.9 | 41.2 |
| 50-59 | 33.2 | 32.6 | 32.1 | 31.5 | 31.0 | 30.3 | 30.0 |
| 60-64 | 14.7 | 15.4 | 15.6 | 15.7 | 15.9 | 15.6 | 15.2 |
| 65-74 | 19.7 | 19.7 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 |
| 75+ | 15.7 | 15.7 | 15.6 | 15.8 | 16.0 | 16.3 | 16.7 |
| Total Population | 310.7 | 312.6 | 314.0 | 316.4 | 319.0 | 321.0 | 323.2 |
| Aged 15 and Over | 242.1 | 244.6 | 246.7 | 249.4 | 252.3 | 253.0 | 255.7 |
| Aged 20 and Over | 213.8 | 217.6 | 220.4 | 223.4 | 226.5 | 228.1 | 231.5 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

FRONTENAC

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 1,074.5 |
| | | | | 55,620 |
| | | | | 17,032 |
| | | | | 7,777 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,567 | 1,975 | 2,082 | 2,493 | 2,103 |
| n.a. | - | - | - | - |
| n.a. | 3 | 2 | 5 | 3 |
| 578 | 603 | 549 | 535 | 462 |
| 3 | 13 | 7 | 25 | 28 |
| 2,148 | 2,594 | 2,640 | 3,058 | 2,596 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 134 | 128 | 123 | 133 | 104 |
| 133 | 139 | 107 | 78 | 97 |
| 5 | 9 | 6 | 5 | 3 |
| 272 | 276 | 236 | 216 | 204 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 27 | 25 | 15 | 24 | 18 |
| 81 | 81 | 70 | 51 | 49 |
| 11 | 18 | 26 | 19 | 13 |
| 51 | 45 | 50 | 41 | 46 |
| 3 | 2 | 4 | 2 | 5 |
| 173 | 171 | 165 | 137 | 131 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14 | 18 | 33 | 13 | 25 |
| 307 | 243 | 218 | 194 | 179 |
| 48 | 55 | 110 | 52 | 63 |
| 103 | 101 | 88 | 102 | 97 |
| 1 | 1 | 1 | 1 | 1 |
| 473 | 418 | 450 | 362 | 365 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 6 | 8 | 6 | 2 |
| 28 | 27 | 26 | 39 | 36 |
| - | - | 1 | - | 3 |
| 34 | 33 | 35 | 45 | 41 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 2 | 2 | 8 |
| 29 | 18 | 21 | 25 | 29 |
| - | - | - | - | 2 |
| 30 | 18 | 23 | 27 | 39 |

FRONTENAC

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.0 |
| | | | | 56,953 |
| | | | | 17,440 |
| | | | | 7,963 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,367.4 | 1,714.4 | 1,793.3 | 2,110.9 | 1,742.3 |
| n.a. | - | - | - | - |
| n.a. | 2.6 | 1.7 | 4.2 | 2.5 |
| 504.4 | 523.4 | 472.9 | 453.0 | 382.8 |
| 2.6 | 11.3 | 6.0 | 21.2 | 23.2 |
| 1,874.3 | 2,251.7 | 2,273.9 | 2,589.3 | 2,150.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 116.9 | 111.1 | 105.9 | 112.6 | 86.2 |
| 116.1 | 120.7 | 92.2 | 66.0 | 80.4 |
| 4.4 | 7.8 | 5.2 | 4.2 | 2.5 |
| 237.3 | 239.6 | 203.3 | 182.9 | 169.0 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 23.6 | 21.7 | 12.9 | 20.3 | 14.9 |
| 70.7 | 70.3 | 60.3 | 43.2 | 40.6 |
| 9.6 | 15.6 | 22.4 | 16.1 | 10.8 |
| 44.5 | 39.1 | 43.1 | 34.7 | 38.1 |
| 2.6 | 1.7 | 3.4 | 1.7 | 4.1 |
| 151.0 | 148.4 | 142.1 | 116.0 | 108.5 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 12.2 | 15.6 | 28.4 | 11.0 | 20.7 |
| 267.9 | 210.9 | 187.8 | 164.3 | 148.3 |
| 41.9 | 47.7 | 94.7 | 44.0 | 52.2 |
| 89.9 | 87.7 | 75.8 | 86.4 | 80.4 |
| 0.9 | 0.9 | 0.9 | 0.8 | 0.8 |
| 412.7 | 362.8 | 387.6 | 306.5 | 302.4 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.2 | 5.2 | 6.9 | 5.1 | 1.7 |
| 24.4 | 23.4 | 22.4 | 33.0 | 29.8 |
| - | - | 0.9 | - | 2.5 |
| 29.7 | 28.6 | 30.1 | 38.1 | 34.0 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | - | 1.7 | 1.7 | 6.6 |
| 25.3 | 15.6 | 18.1 | 21.2 | 24.0 |
| - | - | - | - | 1.7 |
| 26.2 | 15.6 | 19.8 | 22.9 | 32.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

FRONTENAC

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 2 | 1 |
| 1 | 5 | 2 | 1 | 2 |
| 12 | 8 | 6 | 15 | 10 |
| 14 | 13 | 8 | 18 | 13 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 97 | 82 | 171 | 159 | 169 |
| — | — | — | — | — |
| 1 | 4 | 10 | 5 | 13 |
| 21 | 30 | 31 | 9 | 17 |
| 4 | 3 | — | — | 3 |
| 1 | 9 | 18 | 4 | 1 |
| 124 | 128 | 231 | 177 | 203 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 7 | 6 | 8 | 4 |
| 11 | 9 | 13 | 13 | 13 |
| 10 | 10 | 11 | 11 | 3 |
| 35 | 23 | 45 | 25 | 31 |
| 8 | 3 | 1 | 5 | 4 |
| 45 | 37 | 42 | 46 | 38 |
| 119 | 89 | 118 | 108 | 93 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 5 | 8 | 9 | 4 | 7 |
| 9 | 14 | 23 | 22 | 34 |
| 63 | 47 | 40 | 42 | 23 |
| 41 | 48 | 38 | 21 | 20 |
| 3 | 5 | 4 | 6 | 3 |
| 31 | 37 | 43 | 26 | 20 |
| 152 | 159 | 157 | 121 | 107 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | — | 2 | 3 | 4 |
| 17 | 15 | 15 | 9 | 9 |
| — | — | 2 | — | 3 |
| 19 | 15 | 19 | 12 | 16 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| 1 | — | 2 | 1 | 1 |
| 21 | 14 | 26 | 23 | 28 |
| — | — | 4 | 1 | 3 |
| 22 | 14 | 32 | 25 | 32 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 3 | 3 | — | 2 |
| 4 | 5 | 2 | 3 | — |
| — | — | — | — | — |
| 8 | 8 | 5 | 3 | 2 |

FRONTENAC

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.9 | — | — | 1.7 | 0.8 |
| 0.9 | 4.4 | 1.7 | 0.9 | 1.7 |
| 10.6 | 7.0 | 5.2 | 12.9 | 8.5 |
| 12.3 | 11.3 | 6.9 | 15.5 | 11.0 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 84.5 | 70.9 | 147.6 | 134.6 | 140.0 |
| — | — | — | — | — |
| 1.2 | 3.7 | 9.0 | 4.2 | 10.9 |
| 18.2 | 25.8 | 26.4 | 8.0 | 14.1 |
| 3.5 | 2.7 | — | — | 2.3 |
| 1.1 | 7.7 | 15.7 | 3.4 | 1.2 |
| 108.5 | 110.7 | 198.7 | 150.1 | 168.6 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.7 | 6.1 | 5.2 | 6.8 | 3.3 |
| 9.6 | 7.8 | 11.2 | 11.0 | 10.8 |
| 8.7 | 8.7 | 9.5 | 9.3 | 2.5 |
| 30.5 | 20.0 | 38.8 | 21.2 | 25.7 |
| 7.0 | 2.6 | 0.9 | 4.2 | 3.3 |
| 39.3 | 32.1 | 36.2 | 39.0 | 31.5 |
| 103.8 | 77.3 | 101.6 | 91.4 | 77.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|------------------|--|--------|
| General Hospital | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.4 | 6.9 | 7.8 | 3.4 | 5.8 |
| 7.9 | 12.2 | 19.8 | 18.6 | 28.2 |
| 55.0 | 40.8 | 34.5 | 35.6 | 19.1 |
| 35.8 | 41.7 | 32.7 | 17.8 | 16.6 |
| 2.6 | 4.3 | 3.4 | 5.1 | 2.5 |
| 27.1 | 32.1 | 37.0 | 22.0 | 16.6 |
| 132.6 | 138.0 | 135.2 | 102.5 | 88.6 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.7 | — | 1.7 | 2.5 | 3.3 |
| 14.8 | 13.0 | 12.9 | 7.6 | 7.5 |
| — | — | 1.7 | — | 2.5 |
| 16.6 | 13.0 | 16.4 | 10.2 | 13.3 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | |
|--------|-----------------------------|----------|
| Mental | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | — | 1.7 | 0.8 | 0.8 |
| 18.3 | 12.2 | 22.4 | 19.5 | 23.2 |
| — | — | 3.4 | 0.8 | 2.5 |
| 19.2 | 12.2 | 27.6 | 21.2 | 26.5 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

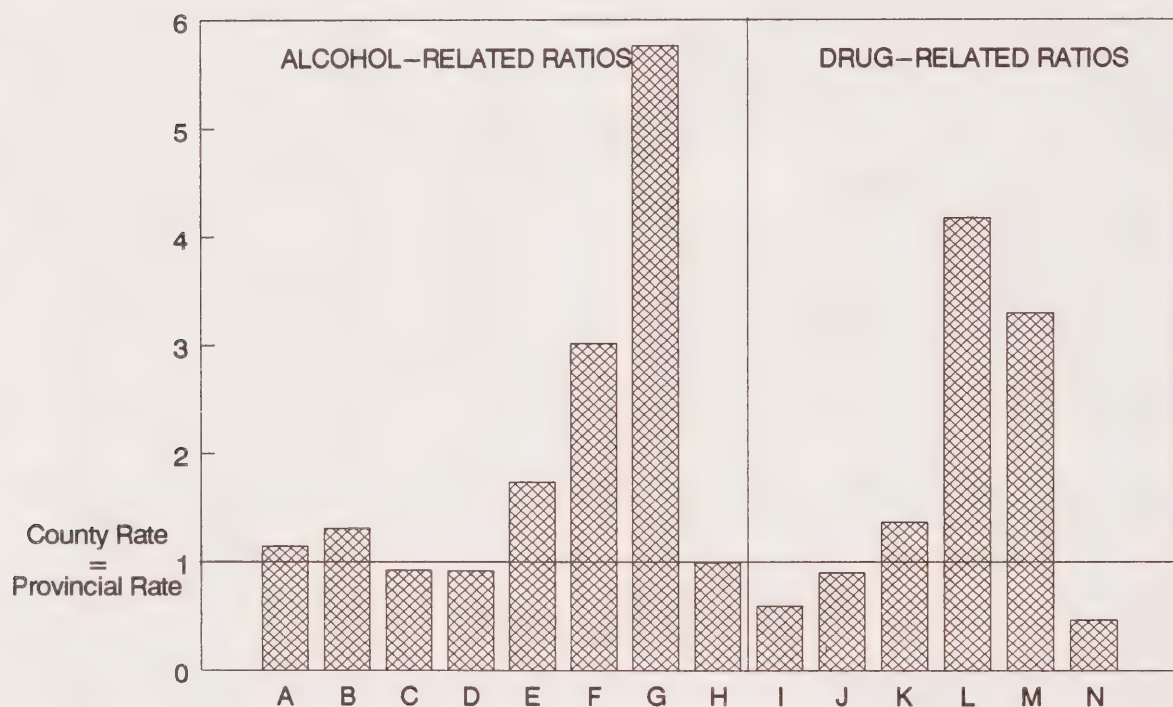
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 3.5 | 2.6 | 2.6 | — | 1.7 |
| 3.5 | 4.4 | 1.7 | 2.6 | — |
| — | — | — | — | — |
| 7.0 | 7.0 | 4.3 | 2.6 | 1.7 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

FRONTENAC

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 14.0 | 14.5 | 14.7 | 14.6 | 15.1 | 15.5 | 15.6 |
| 10-14 | 7.5 | 7.6 | 7.4 | 7.2 | 7.2 | 7.3 | 7.4 |
| 15-19 | 8.9 | 8.1 | 7.9 | 8.4 | 7.8 | 7.9 | 8.6 |
| 20-29 | 22.7 | 23.5 | 23.0 | 22.5 | 22.7 | 22.2 | 22.9 |
| 30-39 | 17.2 | 18.5 | 19.6 | 18.2 | 19.1 | 18.4 | 19.1 |
| 40-49 | 12.4 | 12.9 | 13.1 | 13.4 | 13.8 | 15.0 | 14.6 |
| 50-59 | 11.6 | 11.5 | 11.3 | 11.6 | 11.3 | 11.3 | 11.9 |
| 60-64 | 5.1 | 5.3 | 5.4 | 5.7 | 5.2 | 5.6 | 5.9 |
| 65-74 | 7.4 | 7.3 | 7.6 | 8.4 | 8.6 | 9.2 | 9.0 |
| 75+ | 4.5 | 4.5 | 4.6 | 5.2 | 5.2 | 5.7 | 5.7 |
| Total Population | 111.0 | 113.6 | 114.6 | 115.2 | 116.1 | 118.1 | 120.7 |
| Aged 15 and Over | 89.5 | 91.5 | 92.5 | 93.4 | 93.8 | 95.3 | 97.7 |
| Aged 20 and Over | 80.6 | 83.4 | 84.6 | 85.0 | 86.0 | 87.4 | 89.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 580.5 |
| | | | | 36,753 |
| | | | | 8,922 |
| | | | | 3,961 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 1,300 | 1,206 | 1,261 | 1,542 | 1,120 |
| n.a. | 1 | — | — | — |
| n.a. | 8 | 6 | 1 | 4 |
| 395 | 336 | 331 | 364 | 329 |
| 13 | 25 | 32 | 35 | 32 |
| 1,708 | 1,576 | 1,630 | 1,942 | 1,485 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------------|------------|------------|------------|------------|
| 87 | 68 | 85 | 90 | 65 |
| 111 | 112 | 111 | 71 | 82 |
| 7 | 8 | 3 | 7 | 12 |
| 205 | 188 | 199 | 168 | 159 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------|------------|------------|------------|------------|
| 21 | 15 | 17 | 26 | 18 |
| 102 | 90 | 73 | 92 | 68 |
| 10 | 14 | 21 | 18 | 34 |
| 29 | 29 | 38 | 42 | 32 |
| 3 | 9 | 3 | 9 | 6 |
| 165 | 157 | 152 | 187 | 158 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| | | | | |
|------------|------------|------------|------------|------------|
| 8 | 6 | 10 | 13 | 16 |
| 76 | 62 | 93 | 88 | 86 |
| 18 | 15 | 15 | 16 | 58 |
| 26 | 29 | 38 | 42 | 23 |
| 1 | 3 | 3 | 4 | 5 |
| 129 | 115 | 159 | 163 | 188 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|----------|----------|----------|----------|----------|
| — | — | — | — | — |
| 2 | 3 | 3 | 5 | 4 |
| — | 1 | — | — | — |
| 2 | 4 | 3 | 5 | 4 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| | | | | |
|----------|----------|----------|----------|----------|
| — | — | — | — | — |
| — | — | 1 | 1 | — |
| — | — | — | — | — |
| — | — | 1 | 1 | — |

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988–89 |
| | | | | 9.6 |
| | | | | 60,981 |
| | | | | 14,803 |
| | | | | 6,572 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,733.3 | 1,614.5 | 1,659.2 | 1,979.5 | 1,403.5 |
| n.a. | 1.3 | — | — | — |
| n.a. | 10.7 | 7.9 | 1.3 | 5.0 |
| 526.7 | 449.8 | 435.5 | 467.3 | 412.3 |
| 17.3 | 33.5 | 42.1 | 44.9 | 40.1 |
| 2,277.3 | 2,109.8 | 2,144.7 | 2,492.9 | 1,860.9 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 116.0 | 91.0 | 111.8 | 115.5 | 81.5 |
| 148.0 | 149.9 | 146.1 | 91.1 | 102.8 |
| 9.3 | 10.7 | 3.9 | 9.0 | 15.0 |
| 273.3 | 251.7 | 261.8 | 215.7 | 199.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 28.0 | 20.1 | 22.4 | 33.4 | 22.6 |
| 136.0 | 120.5 | 96.1 | 118.1 | 85.2 |
| 13.3 | 18.7 | 27.6 | 23.1 | 42.6 |
| 38.7 | 38.8 | 50.0 | 53.9 | 40.1 |
| 4.0 | 12.0 | 3.9 | 11.6 | 7.5 |
| 220.0 | 210.2 | 200.0 | 240.1 | 198.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 10.7 | 8.0 | 13.2 | 16.7 | 20.1 |
| 101.3 | 83.0 | 122.4 | 113.0 | 107.8 |
| 24.0 | 20.1 | 19.7 | 20.5 | 72.7 |
| 34.7 | 38.8 | 50.0 | 53.9 | 28.8 |
| 1.3 | 4.0 | 3.9 | 5.1 | 6.3 |
| 172.0 | 153.9 | 209.2 | 209.2 | 235.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 2.7 | 4.0 | 3.9 | 6.4 | 5.0 |
| — | 1.3 | — | — | — |
| 2.7 | 5.4 | 3.9 | 6.4 | 5.0 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | 1.3 | 1.3 | — |
| — | — | — | — | — |
| — | — | 1.3 | 1.3 | — |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | — | — | — |
| 3 | — | 1 | 2 | 1 |
| 11 | 14 | 7 | 6 | 11 |
| 14 | 15 | 8 | 8 | 12 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 115 | 123 | 101 | 110 | 144 |
| 1 | 4 | — | — | — |
| 10 | 8 | 5 | 16 | 4 |
| 7 | 18 | 12 | 16 | 30 |
| — | — | — | — | 3 |
| — | 6 | 5 | 3 | 15 |
| 133 | 159 | 123 | 144 | 195 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 5 | 6 | 4 | 4 |
| 4 | 9 | 5 | 4 | 5 |
| 6 | 3 | 2 | 1 | 3 |
| 23 | 23 | 24 | 18 | 23 |
| 13 | 9 | 9 | 3 | 4 |
| 25 | 22 | 18 | 20 | 18 |
| 73 | 71 | 64 | 50 | 57 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 2 | 4 | 9 | 1 |
| 5 | 4 | 9 | 11 | 5 |
| 5 | 4 | 8 | 10 | 13 |
| 11 | 10 | 5 | 12 | 13 |
| 1 | 2 | 2 | 7 | 2 |
| 17 | 13 | 28 | 18 | 16 |
| 41 | 35 | 56 | 67 | 50 |

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 2 | 1 | — | 1 | 1 |
| — | — | — | — | 1 |
| 2 | 1 | — | 1 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| 1 | — | — | — | — |
| — | — | 2 | 2 | 2 |
| — | — | 1 | 2 | 1 |
| 1 | — | 3 | 4 | 3 |

MORTALITY**From Drugs, Medicaments & Biologicals**

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | 1 | 1 | 1 |
| 1 | 1 | 2 | 4 | 2 |
| — | — | — | — | — |
| 2 | 1 | 3 | 5 | 3 |

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.3 | — | — | — |
| 4.0 | — | 1.3 | 2.6 | 1.3 |
| 14.7 | 18.7 | 9.4 | 7.9 | 14.1 |
| 18.7 | 20.0 | 10.7 | 10.5 | 15.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 154.0 | 164.8 | 132.7 | 141.1 | 180.0 |
| 1.7 | 4.8 | — | — | — |
| 12.9 | 11.4 | 6.9 | 20.5 | 4.5 |
| 9.2 | 23.8 | 16.1 | 20.2 | 37.5 |
| — | — | — | — | 3.5 |
| — | 8.4 | 6.4 | 3.4 | 19.3 |
| 177.8 | 213.3 | 162.0 | 185.2 | 244.8 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--------------------------------------|--|----------|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.7 | 6.7 | 7.9 | 5.1 | 5.0 |
| 5.3 | 12.0 | 6.6 | 5.1 | 6.3 |
| 8.0 | 4.0 | 2.6 | 1.3 | 3.8 |
| 30.7 | 30.8 | 31.6 | 23.1 | 28.8 |
| 17.3 | 12.0 | 11.8 | 3.9 | 5.0 |
| 33.3 | 29.5 | 23.7 | 25.7 | 22.6 |
| 97.3 | 95.0 | 84.2 | 64.2 | 71.4 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |
| 2.7 | 2.7 | 5.3 | 11.6 | 1.3 |
| 6.7 | 5.4 | 11.8 | 14.1 | 6.3 |
| 6.7 | 5.4 | 10.5 | 12.8 | 16.3 |
| 14.7 | 13.4 | 6.6 | 15.4 | 16.3 |
| 1.3 | 2.7 | 2.6 | 9.0 | 2.5 |
| 22.7 | 17.4 | 36.8 | 23.1 | 20.1 |
| 54.7 | 46.9 | 73.7 | 86.0 | 62.7 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 2.7 | 1.3 | — | 1.3 | 1.3 |
| — | — | — | — | 1.3 |
| 2.7 | 1.3 | — | 1.3 | 2.5 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| 1.3 | — | — | — | — |
| — | — | 2.6 | 2.6 | 2.5 |
| — | — | 1.3 | 2.6 | 1.3 |
| 1.3 | — | 3.9 | 5.1 | 3.8 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

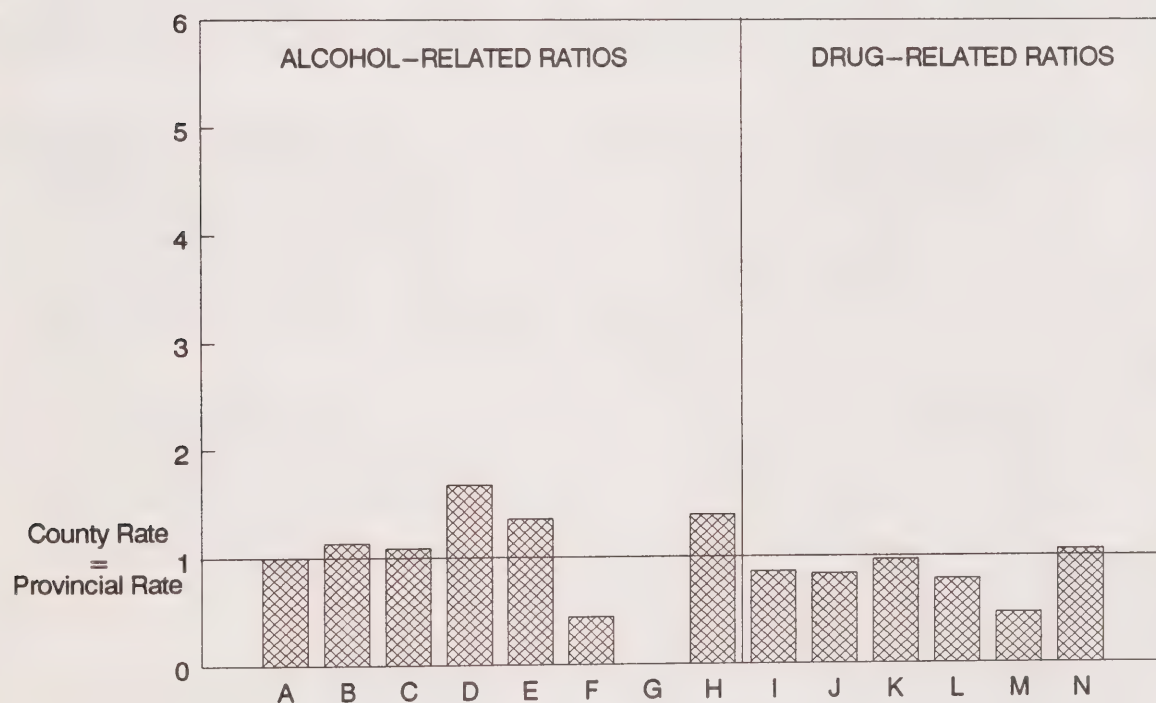
| | |
|--|--|
| From Drugs, Medicaments & Biologicals | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.3 | — | 1.3 | 1.3 | 1.3 |
| 1.3 | 1.3 | 2.7 | 5.3 | 2.6 |
| — | — | — | — | — |
| 2.7 | 1.3 | 4.0 | 6.6 | 3.9 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0- 9 | 9.7 | 9.7 | 9.8 | 10.5 | 10.7 | 11.1 | 11.3 |
| 10-14 | 5.4 | 5.4 | 5.3 | 5.5 | 5.6 | 5.7 | 5.7 |
| 15-19 | 6.5 | 6.1 | 5.7 | 5.7 | 5.8 | 5.8 | 5.9 |
| 20-29 | 11.4 | 11.7 | 12.2 | 10.4 | 10.5 | 10.8 | 10.8 |
| 30-39 | 10.3 | 10.7 | 11.0 | 11.2 | 11.3 | 11.5 | 11.9 |
| 40-49 | 7.7 | 8.0 | 7.9 | 8.1 | 8.2 | 8.4 | 8.8 |
| 50-59 | 7.9 | 7.8 | 7.5 | 7.8 | 7.8 | 7.9 | 8.2 |
| 60-64 | 3.9 | 4.0 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 |
| 65-74 | 6.6 | 6.6 | 6.7 | 6.8 | 6.9 | 7.1 | 7.4 |
| 75+ | 4.8 | 4.9 | 5.0 | 5.0 | 5.0 | 5.3 | 5.5 |
| Total Population | 74.4 | 74.8 | 75.0 | 74.7 | 76.0 | 77.9 | 79.8 |
| Aged 15 and Over | 59.3 | 59.7 | 59.9 | 58.7 | 59.7 | 61.1 | 62.8 |
| Aged 20 and Over | 52.8 | 53.6 | 54.2 | 53.0 | 53.9 | 55.3 | 56.9 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA

**ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

HALDIMAND—NORFOLK REGIONAL MUNICIPALITY

ALCOHOL—RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988—89 |
|--|--|--|--|---------|
| | | | | 653.2 |
| | | | | 44,641 |
| | | | | 9,920 |
| | | | | 4,373 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,612 | 2,684 | 2,707 | 2,543 | 2,632 |
| n.a. | 1 | 3 | 2 | 1 |
| n.a. | 6 | 3 | 2 | 4 |
| 616 | 601 | 571 | 596 | 666 |
| 2 | 14 | 10 | 40 | 49 |
| 3,230 | 3,306 | 3,294 | 3,183 | 3,352 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 130 | 97 | 121 | 102 | 123 |
| 156 | 127 | 143 | 122 | 133 |
| 10 | 6 | 12 | 8 | 9 |
| 296 | 230 | 276 | 232 | 265 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| 6 | 6 | 8 | 7 | 7 |
| 53 | 55 | 63 | 53 | 34 |
| 7 | 13 | 15 | 14 | 26 |
| 54 | 44 | 57 | 61 | 38 |
| 7 | 3 | 5 | 4 | 4 |
| 127 | 121 | 148 | 139 | 109 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 4 | 4 | 7 | 11 | 6 |
| 68 | 62 | 47 | 67 | 74 |
| 15 | 13 | 16 | 20 | 15 |
| 49 | 42 | 41 | 54 | 46 |
| 3 | 3 | 5 | 5 | 2 |
| 139 | 124 | 116 | 157 | 143 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | — | — | — |
| 25 | 15 | 18 | 10 | 15 |
| — | — | 2 | — | — |
| 26 | 16 | 20 | 10 | 15 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|---|----|
| — | 1 | 2 | — | — |
| 10 | 10 | 10 | 5 | 10 |
| 1 | 1 | 1 | — | 3 |
| 11 | 12 | 13 | 5 | 13 |

HALDIMAND—NORFOLK REGIONAL MUNICIPALITY

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988–89 |
| | | | | 9.1 |
| | | | | 62,383 |
| | | | | 13,862 |
| | | | | 6,111 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,908.7 | 2,978.9 | 2,958.5 | 2,708.2 | 2,747.4 |
| n.a. | 1.1 | 3.3 | 2.1 | 1.0 |
| n.a. | 6.7 | 3.3 | 2.1 | 4.2 |
| 686.0 | 667.0 | 624.0 | 634.7 | 695.2 |
| 2.2 | 15.5 | 10.9 | 42.6 | 51.1 |
| 3,596.9 | 3,669.3 | 3,600.0 | 3,389.8 | 3,499.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL—RELATED

TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 144.8 | 107.7 | 132.2 | 108.6 | 128.4 |
| 173.7 | 141.0 | 156.3 | 129.9 | 138.8 |
| 11.1 | 6.7 | 13.1 | 8.5 | 9.4 |
| 329.6 | 255.3 | 301.6 | 247.1 | 276.6 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 6.7 | 6.7 | 8.7 | 7.5 | 7.3 |
| 59.0 | 61.0 | 68.9 | 56.4 | 35.5 |
| 7.8 | 14.4 | 16.4 | 14.9 | 27.1 |
| 60.1 | 48.8 | 62.3 | 65.0 | 39.7 |
| 7.8 | 3.3 | 5.5 | 4.3 | 4.2 |
| 141.4 | 134.3 | 161.7 | 148.0 | 113.8 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 4.5 | 4.4 | 7.7 | 11.7 | 6.3 |
| 75.7 | 68.8 | 51.4 | 71.4 | 77.2 |
| 16.7 | 14.4 | 17.5 | 21.3 | 15.7 |
| 54.6 | 46.6 | 44.8 | 57.5 | 48.0 |
| 3.3 | 3.3 | 5.5 | 5.3 | 2.1 |
| 154.8 | 137.6 | 126.8 | 167.2 | 149.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 1.1 | 1.1 | — | — | — |
| 27.8 | 16.6 | 19.7 | 10.6 | 15.7 |
| — | — | 2.2 | — | — |
| 29.0 | 17.8 | 21.9 | 10.6 | 15.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|------|------|------|-----|------|
| — | 1.1 | 2.2 | — | — |
| 11.1 | 11.1 | 10.9 | 5.3 | 10.4 |
| 1.1 | 1.1 | 1.1 | — | 3.1 |
| 12.2 | 13.3 | 14.2 | 5.3 | 13.6 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | - | - | - | - |
| 1 | - | 1 | - | 3 |
| 11 | 12 | 5 | 8 | 8 |
| 13 | 12 | 6 | 8 | 11 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 137 | 100 | 174 | 151 | 197 |
| - | - | - | - | 1 |
| 7 | 4 | 9 | 6 | 26 |
| 7 | 12 | 55 | 9 | - |
| 1 | - | 2 | 6 | 3 |
| 12 | 4 | 9 | 1 | 7 |
| 163 | 120 | 248 | 174 | 234 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 1 | - | 1 |
| 6 | 3 | 4 | 4 | 2 |
| 1 | 1 | 5 | 4 | 2 |
| 15 | 20 | 15 | 29 | 32 |
| 11 | 9 | 9 | 10 | 11 |
| 32 | 18 | 25 | 22 | 40 |
| 66 | 51 | 59 | 69 | 88 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 3 | 2 | 3 | 2 |
| 4 | 11 | 4 | 8 | 4 |
| 5 | 2 | 4 | 5 | 9 |
| 13 | 17 | 9 | 12 | 12 |
| 5 | 2 | 6 | 3 | 3 |
| 8 | 13 | 6 | 10 | 8 |
| 37 | 48 | 31 | 41 | 38 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 2 | 1 | 2 | 1 |
| 6 | 3 | 3 | - | 6 |
| - | 1 | 1 | 1 | - |
| 8 | 6 | 5 | 3 | 7 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|----|---|---|---|
| 1 | 1 | - | 1 | - |
| 3 | 3 | 6 | 2 | 5 |
| - | 6 | 3 | 5 | 3 |
| 4 | 10 | 9 | 8 | 8 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 1 | 2 | - | - |
| 4 | 1 | 2 | 3 | 1 |
| - | - | - | 1 | - |
| 5 | 2 | 4 | 4 | 1 |

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.1 | — | — | — | — |
| 1.1 | — | 1.1 | — | 3.2 |
| 12.2 | 13.4 | 5.5 | 8.7 | 8.5 |
| 14.5 | 13.4 | 6.7 | 8.7 | 11.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 152.1 | 110.9 | 190.1 | 160.3 | 205.4 |
| — | — | — | — | 1.3 |
| 7.7 | 4.7 | 10.0 | 6.5 | 27.5 |
| 7.7 | 13.2 | 60.2 | 10.0 | — |
| 1.5 | — | 1.7 | 6.5 | 3.0 |
| 13.0 | 4.2 | 9.3 | 1.4 | 7.3 |
| 182.0 | 133.0 | 271.3 | 184.9 | 244.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | |
|--|--|
| Primary Diagnoses | |
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.1 | — | 1.1 | — | 1.0 |
| 6.7 | 3.3 | 4.4 | 4.3 | 2.1 |
| 1.1 | 1.1 | 5.5 | 4.3 | 2.1 |
| 16.7 | 22.2 | 16.4 | 30.9 | 33.4 |
| 12.2 | 10.0 | 9.8 | 10.6 | 11.5 |
| 35.6 | 20.0 | 27.3 | 23.4 | 41.8 |
| 73.5 | 56.6 | 64.5 | 73.5 | 91.9 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |

County
Province

| | | | | |
|------|------|------|------|------|
| 2.2 | 3.3 | 2.2 | 3.2 | 2.1 |
| 4.5 | 12.2 | 4.4 | 8.5 | 4.2 |
| 5.6 | 2.2 | 4.4 | 5.3 | 9.4 |
| 14.5 | 18.9 | 9.8 | 12.8 | 12.5 |
| 5.6 | 2.2 | 6.6 | 3.2 | 3.1 |
| 8.9 | 14.4 | 6.6 | 10.6 | 8.4 |
| 41.2 | 53.3 | 33.9 | 43.7 | 39.7 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.2 | 2.2 | 1.1 | 2.1 | 1.0 |
| 6.7 | 3.3 | 3.3 | — | 6.3 |
| — | 1.1 | 1.1 | 1.1 | — |
| 8.9 | 6.7 | 5.5 | 3.2 | 7.3 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |

County
Province

| | | | | |
|-----|------|-----|-----|-----|
| 1.1 | 1.1 | — | 1.1 | — |
| 3.3 | 3.3 | 6.6 | 2.1 | 5.2 |
| — | 6.7 | 3.3 | 5.3 | 3.1 |
| 4.5 | 11.1 | 9.8 | 8.5 | 8.4 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |

County
Province

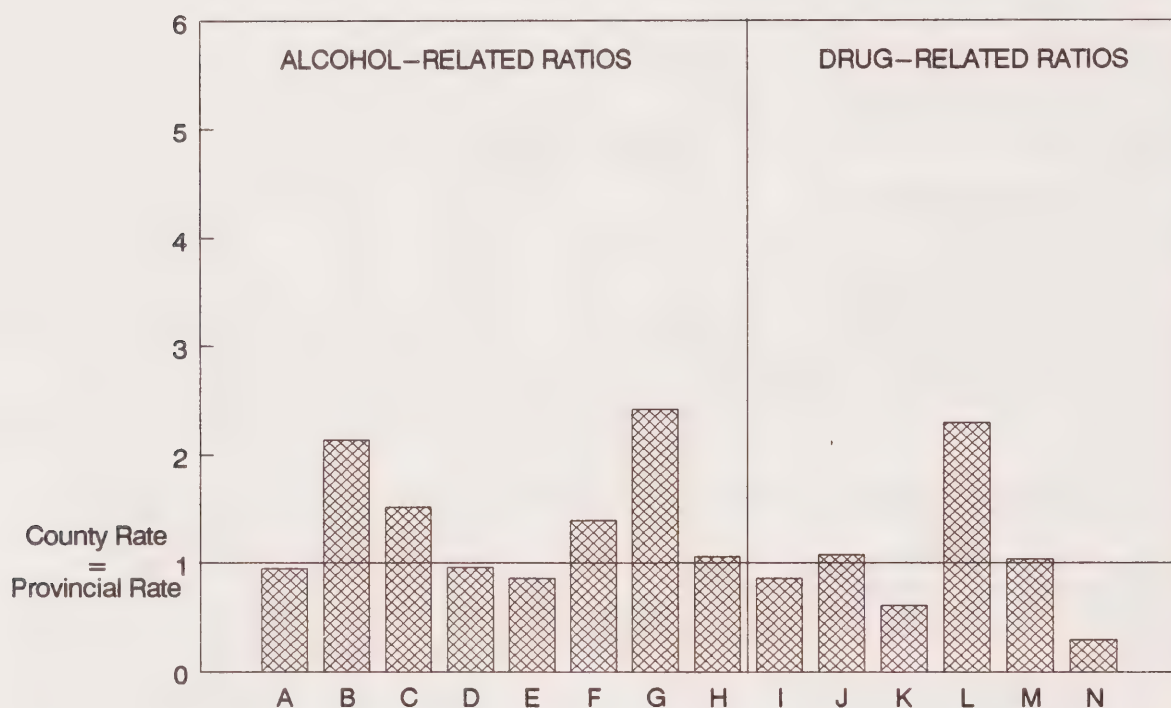
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.1 | 1.1 | 2.2 | — | — |
| 4.4 | 1.1 | 2.2 | 3.3 | 1.1 |
| — | — | — | 1.1 | — |
| 5.6 | 2.2 | 4.4 | 4.4 | 1.1 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 13.3 | 13.4 | 13.5 | 13.6 | 13.5 | 13.8 | 14.6 |
| 10-14 | 7.1 | 6.9 | 6.8 | 6.7 | 6.6 | 6.7 | 7.0 |
| 15-19 | 7.9 | 7.6 | 7.2 | 7.1 | 7.2 | 7.2 | 7.3 |
| 20-29 | 14.9 | 15.5 | 15.8 | 14.0 | 14.3 | 14.7 | 14.3 |
| 30-39 | 12.7 | 12.9 | 13.0 | 13.9 | 14.0 | 14.2 | 15.0 |
| 40-49 | 9.3 | 9.4 | 9.5 | 10.1 | 10.6 | 11.4 | 11.1 |
| 50-59 | 9.2 | 9.0 | 8.9 | 9.0 | 9.0 | 8.9 | 9.4 |
| 60-64 | 4.3 | 4.3 | 4.3 | 4.4 | 4.5 | 4.4 | 4.7 |
| 65-74 | 6.4 | 6.4 | 6.4 | 6.4 | 6.9 | 7.1 | 7.3 |
| 75+ | 4.4 | 4.4 | 4.5 | 4.7 | 4.9 | 5.3 | 5.1 |
| Total Population | 89.7 | 89.9 | 89.8 | 90.1 | 91.5 | 93.9 | 95.8 |
| Aged 15 and Over | 69.3 | 69.6 | 69.5 | 69.8 | 71.4 | 73.4 | 74.2 |
| Aged 20 and Over | 61.4 | 62.0 | 62.3 | 62.7 | 64.2 | 66.2 | 66.9 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HALIBURTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 184.0 |
| | | | | 3,653 |
| | | | | 2,946 |
| | | | | 1,702 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 181 | 201 | 135 | 180 | 253 |
| n.a. | - | - | - | - |
| n.a. | - | - | - | 3 |
| 74 | 89 | 48 | 55 | 71 |
| - | 2 | 2 | 3 | 3 |
| 255 | 292 | 185 | 238 | 330 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 26 | 23 | 35 | 30 | 30 |
| 34 | 32 | 23 | 41 | 21 |
| 4 | 3 | 3 | 5 | 2 |
| 64 | 58 | 61 | 76 | 53 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7 | - | 2 | 2 | 1 |
| 15 | 21 | 22 | 17 | 7 |
| 4 | 2 | 3 | 1 | 1 |
| 6 | 5 | 5 | 9 | 11 |
| 1 | 1 | 1 | - | 1 |
| 33 | 29 | 33 | 29 | 21 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 4 | 3 | - | 5 | 3 |
| 19 | 16 | 29 | 23 | 21 |
| 3 | 1 | 3 | 2 | 4 |
| 10 | 5 | 4 | 7 | 9 |
| - | 1 | - | - | - |
| 36 | 26 | 36 | 37 | 37 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | - | - |
| 1 | - | - | 2 | 1 |
| - | - | - | - | - |
| 1 | 1 | - | 2 | 1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | 1 | - | - |
| 1 | - | 1 | 1 | - |
| - | - | - | - | - |
| 1 | - | 2 | 1 | - |

HALIBURTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 18.3 |
| | | | | 36,240 |
| | | | | 29,226 |
| | | | | 16,885 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,533.9 | 1,675.0 | 1,106.6 | 1,406.3 | 1,902.3 |
| n.a. | - | - | - | - |
| n.a. | - | - | - | 22.6 |
| 627.1 | 741.7 | 393.4 | 429.7 | 533.8 |
| - | 16.7 | 16.4 | 23.4 | 22.6 |
| 2,161.0 | 2,433.3 | 1,516.4 | 1,859.4 | 2,481.2 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 220.3 | 191.7 | 286.9 | 234.4 | 225.6 |
| 288.1 | 266.7 | 188.5 | 320.3 | 157.9 |
| 33.9 | 25.0 | 24.6 | 39.1 | 15.0 |
| 542.4 | 483.3 | 500.0 | 593.8 | 398.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 59.3 | - | 16.4 | 15.6 | 7.5 |
| 127.1 | 175.0 | 180.3 | 132.8 | 52.6 |
| 33.9 | 16.7 | 24.6 | 7.8 | 7.5 |
| 50.8 | 41.7 | 41.0 | 70.3 | 82.7 |
| 8.5 | 8.3 | 8.2 | - | 7.5 |
| 279.7 | 241.7 | 270.5 | 226.6 | 157.9 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 33.9 | 25.0 | - | 39.1 | 22.6 |
| 161.0 | 133.3 | 237.7 | 179.7 | 157.9 |
| 25.4 | 8.3 | 24.6 | 15.6 | 30.1 |
| 84.7 | 41.7 | 32.8 | 54.7 | 67.7 |
| - | 8.3 | - | - | - |
| 305.1 | 216.7 | 295.1 | 289.1 | 278.2 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 8.3 | - | - | - |
| 8.5 | - | - | 15.6 | 7.5 |
| - | - | - | - | - |
| 8.5 | 8.3 | - | 15.6 | 7.5 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|------|-----|-----|
| - | - | 8.2 | - | - |
| 8.5 | - | 8.2 | 7.8 | - |
| - | - | - | - | - |
| 8.5 | - | 16.4 | 7.8 | - |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HALIBURTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| Total | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|----------|----------|----------|----------|----------|
| - | - | - | - | - |
| 1 | - | - | - | 2 |
| 1 | 1 | 1 | 1 | - |
| 2 | 1 | 1 | 1 | 2 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| Total | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|----------|-----------|-----------|-----------|-----------|
| 9 | 10 | 9 | 33 | 21 |
| - | - | - | - | - |
| - | - | 1 | 6 | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | 1 |
| 9 | 10 | 10 | 40 | 22 |

HOSPITAL SEPARATIONS

| | | |
|-------------------|--|--|
| General Hospitals | Primary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | Total | |
| | Secondary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | Total | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|----------|----------|-----------|----------|----------|
| - | 1 | - | - | - |
| 1 | 4 | 3 | 1 | 1 |
| 1 | 1 | - | 1 | - |
| 1 | 1 | 1 | 2 | 1 |
| - | - | 1 | 1 | - |
| 3 | 2 | 5 | 1 | 2 |
| 6 | 9 | 10 | 6 | 4 |

| | | |
|------------------|-----------------------------|--|
| Mental Hospitals | Primary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Total | |
| | Secondary Diagnoses | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Total | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|----------|----------|----------|----------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| Total | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|----------|----------|----------|----------|----------|
| - | - | - | - | - |
| - | - | 1 | - | - |
| - | - | - | - | - |
| - | - | 1 | - | - |

HALIBURTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 8.5 | — | — | — | 15.6 |
| 8.5 | 8.5 | 8.3 | 8.2 | — |
| 16.9 | 8.5 | 8.3 | 8.2 | 15.6 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 73.7 | 81.3 | 72.3 | 261.4 | 154.3 |
| — | — | — | — | — |
| — | — | 10.7 | 47.9 | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | 10.5 |
| 73.7 | 81.3 | 83.0 | 309.3 | 164.8 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 8.3 | — | — | — |
| 8.5 | 33.3 | 24.6 | 7.8 | 7.5 |
| 8.5 | 8.3 | — | 7.8 | — |
| 8.5 | 8.3 | 8.2 | 15.6 | 7.5 |
| — | — | 8.2 | 7.8 | — |
| 25.4 | 16.7 | 41.0 | 7.8 | 15.0 |
| 50.8 | 75.0 | 82.0 | 46.9 | 30.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|-------|------|
| — | — | — | 7.8 | — |
| 8.5 | 25.0 | 16.4 | 23.4 | — |
| 33.9 | 25.0 | 41.0 | 62.5 | 67.7 |
| 8.5 | — | 16.4 | 7.8 | 7.5 |
| — | — | 8.2 | 7.8 | — |
| — | — | — | 7.8 | 15.0 |
| 50.8 | 50.0 | 82.0 | 117.2 | 90.2 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| — | — | — | 7.8 | — |
| — | — | — | — | — |
| — | — | — | 7.8 | — |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

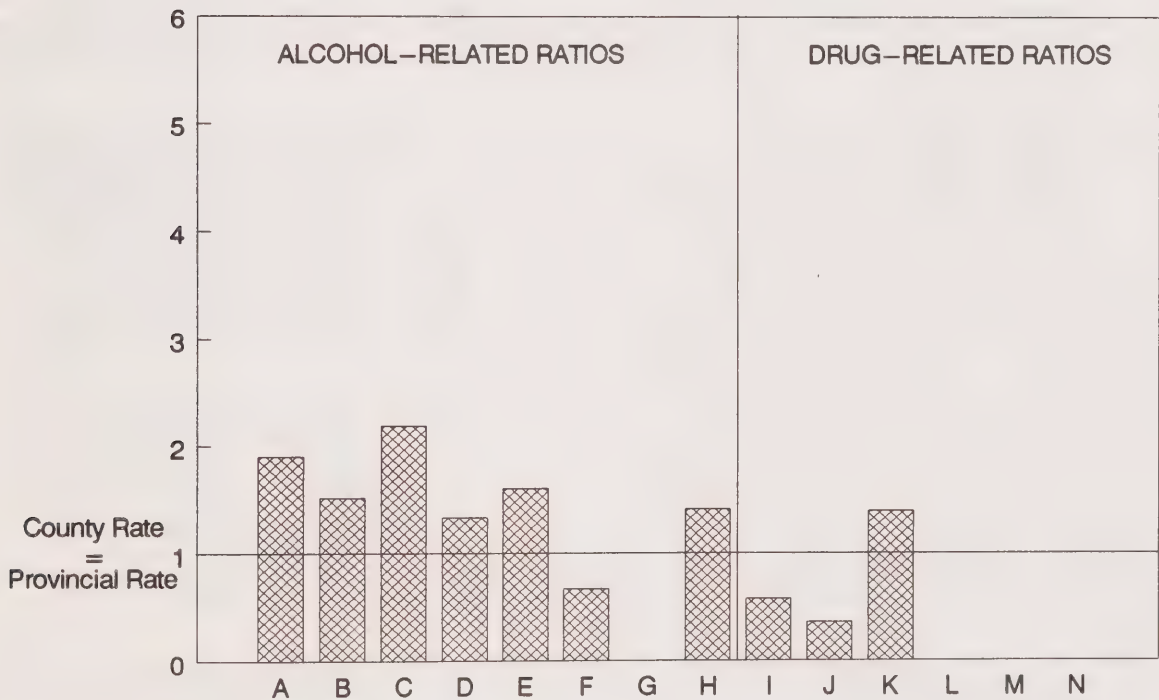
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | 8.3 | — | — |
| — | — | — | — | — |
| — | — | 8.3 | — | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HALIBURTON

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 1.2 | 1.2 | 1.3 | 1.5 | 1.5 | 1.6 | 1.5 |
| 10-14 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 |
| 15-19 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 |
| 20-29 | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.5 |
| 30-39 | 1.5 | 1.6 | 1.5 | 1.6 | 1.6 | 1.7 | 1.8 |
| 40-49 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 |
| 50-59 | 1.3 | 1.3 | 1.3 | 1.5 | 1.5 | 1.6 | 1.6 |
| 60-64 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 |
| 65-74 | 1.5 | 1.7 | 1.8 | 1.6 | 1.6 | 1.9 | 1.9 |
| 75+ | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| Total Population | 11.6 | 11.8 | 11.8 | 12.0 | 12.2 | 12.8 | 13.3 |
| Aged 15 and Over | 9.6 | 9.8 | 9.8 | 9.8 | 10.0 | 10.4 | 11.0 |
| Aged 20 and Over | 8.7 | 9.0 | 9.0 | 9.0 | 9.2 | 9.6 | 10.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,114.6 |
| | | | | 142,346 |
| | | | | 32,106 |
| | | | | 14,175 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,927 | 3,230 | 3,394 | 3,432 | 3,598 |
| n.a. | 1 | 5 | 2 | - |
| n.a. | 9 | 27 | 20 | 20 |
| 1,101 | 1,166 | 1,137 | 977 | 989 |
| 129 | 50 | 35 | 124 | 116 |
| 4,157 | 4,456 | 4,598 | 4,555 | 4,723 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 294 | 226 | 229 | 256 | 263 |
| 283 | 241 | 281 | 238 | 212 |
| 16 | 16 | 15 | 18 | 11 |
| 593 | 483 | 525 | 512 | 486 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 29 | 32 | 23 | 34 | 41 |
| 146 | 135 | 150 | 155 | 107 |
| 37 | 33 | 34 | 43 | 52 |
| 88 | 72 | 88 | 81 | 71 |
| 9 | 6 | 5 | 11 | 8 |
| 309 | 278 | 300 | 324 | 279 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 12 | 16 | 20 | 20 | 24 |
| 175 | 178 | 194 | 181 | 189 |
| 28 | 35 | 53 | 50 | 50 |
| 102 | 107 | 121 | 105 | 124 |
| 5 | - | 5 | 5 | 7 |
| 322 | 336 | 393 | 361 | 394 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | - | - |
| 1 | - | 2 | 3 | 1 |
| - | - | - | - | 1 |
| 1 | 1 | 2 | 3 | 2 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| 1 | - | - | - | - |
| 1 | 1 | - | - | 1 |
| - | - | 1 | - | 2 |
| 2 | 1 | 1 | - | 3 |

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.2 |
| | | | | 62,149 |
| | | | | 14,018 |
| | | | | 6,189 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,100.0 | 1,190.1 | 1,210.8 | 1,176.6 | 1,195.7 |
| n.a. | 0.4 | 1.8 | 0.7 | - |
| n.a. | 3.3 | 9.6 | 6.9 | 6.6 |
| 413.8 | 429.6 | 405.6 | 334.9 | 328.7 |
| 48.5 | 18.4 | 12.5 | 42.5 | 38.6 |
| 1,562.2 | 1,641.9 | 1,640.4 | 1,561.5 | 1,569.6 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 110.5 | 83.3 | 81.7 | 87.8 | 87.4 |
| 106.4 | 88.8 | 100.2 | 81.6 | 70.5 |
| 6.0 | 5.9 | 5.4 | 6.2 | 3.7 |
| 222.8 | 178.0 | 187.3 | 175.5 | 161.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.9 | 11.8 | 8.2 | 11.7 | 13.6 |
| 54.9 | 49.7 | 53.5 | 53.1 | 35.6 |
| 13.9 | 12.2 | 12.1 | 14.7 | 17.3 |
| 33.1 | 26.5 | 31.4 | 27.8 | 23.6 |
| 3.4 | 2.2 | 1.8 | 3.8 | 2.7 |
| 116.1 | 102.4 | 107.0 | 111.1 | 92.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 4.5 | 5.9 | 7.1 | 6.9 | 8.0 |
| 65.8 | 65.6 | 69.2 | 62.1 | 62.8 |
| 10.5 | 12.9 | 18.9 | 17.1 | 16.6 |
| 38.3 | 39.4 | 43.2 | 36.0 | 41.2 |
| 1.9 | - | 1.8 | 1.7 | 2.3 |
| 121.0 | 123.8 | 140.2 | 123.8 | 130.9 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.4 | - | - | - |
| 0.4 | - | 0.7 | 1.0 | 0.3 |
| - | - | - | - | 0.3 |
| 0.4 | 0.4 | 0.7 | 1.0 | 0.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| 0.4 | - | - | - | - |
| 0.4 | 0.4 | - | - | 0.3 |
| - | - | 0.4 | - | 0.7 |
| 0.8 | 0.4 | 0.4 | - | 1.0 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | — | — |
| 1 | 3 | 1 | — | 2 |
| 17 | 25 | 26 | 20 | 21 |
| 19 | 28 | 27 | 20 | 23 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 421 | 280 | 348 | 298 | 337 |
| 1 | — | 4 | 1 | — |
| 25 | 13 | 38 | 27 | 29 |
| 7 | 42 | 24 | — | 17 |
| 3 | 2 | 2 | 2 | 1 |
| 22 | 9 | 15 | 15 | 20 |
| 479 | 345 | 431 | 342 | 404 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 6 | 7 | 3 | 10 |
| 12 | 16 | 19 | 19 | 19 |
| 8 | 5 | 13 | 16 | 20 |
| 47 | 53 | 67 | 62 | 66 |
| 26 | 17 | 15 | 15 | 18 |
| 49 | 68 | 48 | 49 | 59 |
| 151 | 165 | 169 | 164 | 192 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 8 | 2 | 3 | 4 | 5 |
| 16 | 16 | 19 | 22 | 22 |
| 14 | 26 | 24 | 34 | 46 |
| 42 | 44 | 43 | 59 | 55 |
| 7 | 12 | 29 | 25 | 23 |
| 37 | 43 | 48 | 41 | 44 |
| 124 | 143 | 166 | 185 | 195 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 2 | — | 1 | — |
| — | 1 | 1 | — | 2 |
| — | 1 | 1 | — | — |
| 2 | 4 | 2 | 1 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| 1 | — | — | 1 | — |
| 1 | — | — | 1 | 2 |
| 2 | 2 | — | 2 | 3 |
| 4 | 2 | — | 4 | 5 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 3 | 2 | 1 | 1 |
| 3 | 7 | 3 | 3 | 2 |
| 1 | — | — | 1 | — |
| 4 | 10 | 5 | 5 | 3 |

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.4 | — | — | — | — |
| 0.4 | 1.1 | 0.4 | — | 0.7 |
| 6.5 | 9.4 | 9.6 | 7.1 | 7.2 |
| 7.2 | 10.5 | 9.9 | 7.1 | 7.9 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 158.2 | 103.3 | 124.1 | 102.0 | 111.9 |
| 0.5 | — | 1.5 | 0.5 | — |
| 9.3 | 4.7 | 13.6 | 9.3 | 9.5 |
| 2.6 | 15.3 | 8.7 | — | 5.7 |
| 1.0 | 0.6 | 0.6 | 0.7 | 0.5 |
| 8.3 | 3.3 | 5.2 | 5.0 | 6.5 |
| 179.9 | 127.1 | 153.6 | 117.4 | 134.1 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.4 | 2.2 | 2.5 | 1.0 | 3.3 |
| 4.5 | 5.9 | 6.8 | 6.5 | 6.3 |
| 3.0 | 1.8 | 4.6 | 5.5 | 6.6 |
| 17.7 | 19.5 | 23.9 | 21.3 | 21.9 |
| 9.8 | 6.3 | 5.4 | 5.1 | 6.0 |
| 18.4 | 25.1 | 17.1 | 16.8 | 19.6 |
| 56.7 | 60.8 | 60.3 | 56.2 | 63.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|------------------|--|--------------------|
| General Hospital | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.0 | 0.7 | 1.1 | 1.4 | 1.7 |
| 6.0 | 5.9 | 6.8 | 7.5 | 7.3 |
| 5.3 | 9.6 | 8.6 | 11.7 | 15.3 |
| 15.8 | 16.2 | 15.3 | 20.2 | 18.3 |
| 2.6 | 4.4 | 10.3 | 8.6 | 7.6 |
| 13.9 | 15.8 | 17.1 | 14.1 | 14.6 |
| 46.6 | 52.7 | 59.2 | 63.4 | 64.8 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.8 | 0.7 | — | 0.3 | — |
| — | 0.4 | 0.4 | — | 0.7 |
| — | 0.4 | 0.4 | — | — |
| 0.8 | 1.5 | 0.7 | 0.3 | 0.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | |
|--------|-----------------------------|----------|
| Mental | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.4 | — | — | 0.3 | — |
| 0.4 | — | — | 0.3 | 0.7 |
| 0.8 | 0.7 | — | 0.7 | 1.0 |
| 1.5 | 0.7 | — | 1.4 | 1.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

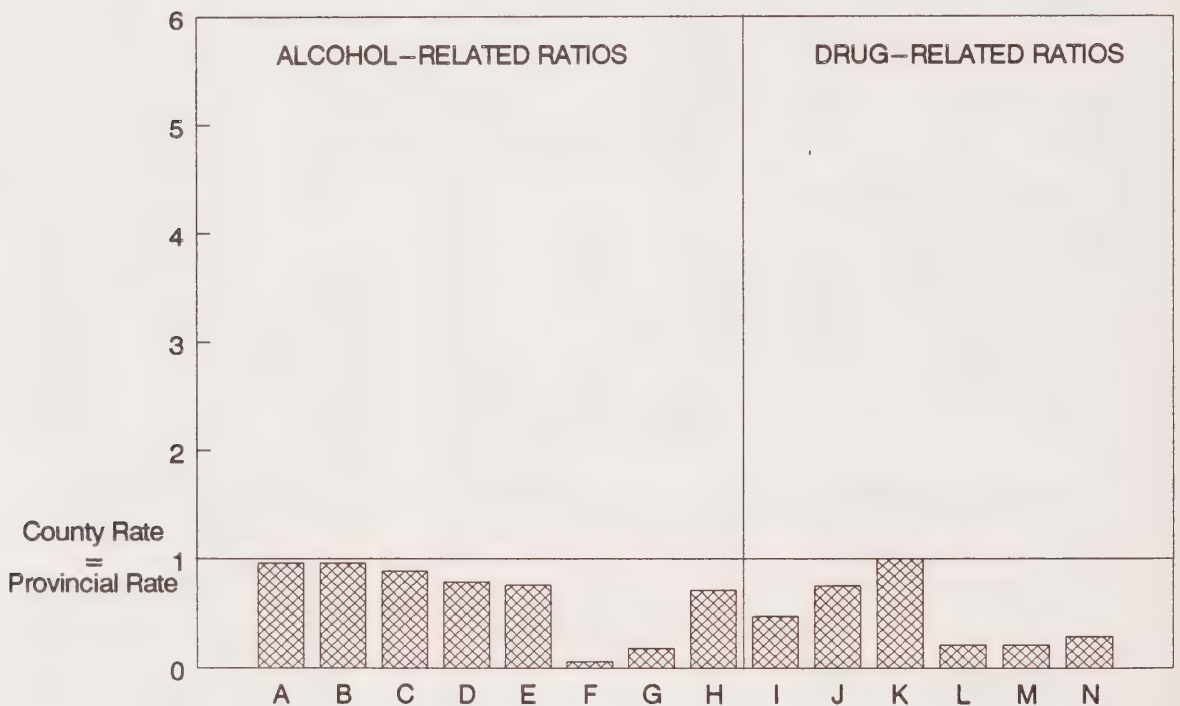
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.1 | 0.7 | 0.4 | 0.3 |
| 1.1 | 2.6 | 1.1 | 1.1 | 0.7 |
| 0.4 | — | — | 0.4 | — |
| 1.5 | 3.8 | 1.8 | 1.8 | 1.0 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HALTON REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|----------------|-------|-------|-------|-------|-------|-------|
| | (in thousands) | | | | | | |
| 0-9 | 36.4 | 36.4 | 36.2 | 37.4 | 38.8 | 39.9 | 42.0 |
| 10-14 | 22.1 | 21.7 | 21.4 | 20.9 | 20.9 | 20.2 | 22.8 |
| 15-19 | 24.2 | 23.3 | 22.7 | 23.0 | 22.9 | 22.8 | 24.7 |
| 20-29 | 42.1 | 43.4 | 44.7 | 43.8 | 43.5 | 42.5 | 47.3 |
| 30-39 | 43.6 | 43.5 | 43.8 | 45.0 | 47.4 | 51.8 | 50.3 |
| 40-49 | 34.5 | 35.6 | 36.6 | 38.0 | 41.0 | 45.0 | 43.5 |
| 50-59 | 27.9 | 28.2 | 28.6 | 29.1 | 29.5 | 29.8 | 31.6 |
| 60-64 | 10.0 | 10.8 | 11.3 | 11.7 | 12.1 | 12.6 | 12.9 |
| 65-74 | 12.2 | 12.4 | 13.2 | 14.3 | 15.4 | 17.0 | 16.3 |
| 75+ | 7.2 | 7.7 | 8.0 | 8.3 | 9.0 | 10.2 | 9.5 |
| Total Population | 260.1 | 263.0 | 266.1 | 271.4 | 280.3 | 291.7 | 300.9 |
| Aged 15 and Over | 201.6 | 204.9 | 208.5 | 213.1 | 220.6 | 231.6 | 236.1 |
| Aged 20 and Over | 177.4 | 181.6 | 185.8 | 190.1 | 197.7 | 208.8 | 211.4 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 3,320.7 |
| | | | | 213,603 |
| | | | | 5,108 |
| | | | | 22,657 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 3,847 | 3,655 | 5,002 | 4,753 | 4,044 |
| n.a. | 1 | 1 | - | 1 |
| n.a. | 8 | 9 | 7 | 11 |
| 1,373 | 1,138 | 1,384 | 1,193 | 1,155 |
| 255 | 182 | 259 | 205 | 193 |
| 5,475 | 4,984 | 6,655 | 6,158 | 5,404 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 346 | 326 | 324 | 381 | 363 |
| 426 | 385 | 373 | 299 | 283 |
| 16 | 12 | 21 | 14 | 11 |
| 788 | 723 | 718 | 694 | 657 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 67 | 75 | 75 | 70 | 72 |
| 292 | 294 | 258 | 232 | 61 |
| 28 | 28 | 33 | 13 | 13 |
| 159 | 152 | 184 | 128 | 122 |
| 8 | 7 | 10 | 6 | 4 |
| 554 | 556 | 560 | 449 | 272 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 43 | 60 | 81 | 41 | 63 |
| 397 | 426 | 493 | 400 | 392 |
| 42 | 51 | 67 | 60 | 53 |
| 267 | 214 | 240 | 203 | 201 |
| 19 | 9 | 9 | 3 | 5 |
| 768 | 760 | 890 | 707 | 714 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 4 | 7 | 7 | 2 |
| 15 | 27 | 23 | 17 | 10 |
| 1 | 1 | 4 | 4 | 5 |
| 22 | 32 | 34 | 28 | 17 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| - | 2 | - | 5 | - |
| 9 | 18 | 25 | 22 | 12 |
| 3 | 4 | 2 | 4 | 2 |
| 12 | 24 | 27 | 31 | 14 |

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.5 |
| | | | | 61,222 |
| | | | | 1,464 |
| | | | | 6,494 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 914.0 | 863.2 | 1,163.8 | 1,099.5 | 923.9 |
| n.a. | 0.2 | 0.2 | - | 0.2 |
| n.a. | 1.9 | 2.1 | 1.6 | 2.5 |
| 326.2 | 268.8 | 322.0 | 276.0 | 263.9 |
| 60.6 | 43.0 | 60.3 | 47.4 | 44.1 |
| 1,300.8 | 1,177.1 | 1,548.4 | 1,424.5 | 1,234.6 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 82.2 | 77.0 | 75.4 | 88.1 | 82.9 |
| 101.2 | 90.9 | 86.8 | 69.2 | 64.7 |
| 3.8 | 2.8 | 4.9 | 3.2 | 2.5 |
| 187.2 | 170.8 | 167.1 | 160.5 | 150.1 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 15.9 | 17.7 | 17.4 | 16.2 | 16.4 |
| 69.4 | 69.4 | 60.0 | 53.7 | 13.9 |
| 6.7 | 6.6 | 7.7 | 3.0 | 3.0 |
| 37.8 | 35.9 | 42.8 | 29.6 | 27.9 |
| 1.9 | 1.7 | 2.3 | 1.4 | 0.9 |
| 131.6 | 131.3 | 130.3 | 103.9 | 62.1 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 10.2 | 14.2 | 18.8 | 9.5 | 14.4 |
| 94.3 | 100.6 | 114.7 | 92.5 | 89.6 |
| 10.0 | 12.0 | 15.6 | 13.9 | 12.1 |
| 63.4 | 50.5 | 55.8 | 47.0 | 45.9 |
| 4.5 | 2.1 | 2.1 | 0.7 | 1.1 |
| 182.5 | 179.5 | 207.1 | 163.5 | 163.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.4 | 0.9 | 1.6 | 1.6 | 0.5 |
| 3.6 | 6.4 | 5.4 | 3.9 | 2.3 |
| 0.2 | 0.2 | 0.9 | 0.9 | 1.1 |
| 5.2 | 7.6 | 7.9 | 6.5 | 3.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| - | 0.5 | - | 1.2 | - |
| 2.1 | 4.3 | 5.8 | 5.1 | 2.7 |
| 0.7 | 0.9 | 0.5 | 0.9 | 0.5 |
| 2.9 | 5.7 | 6.3 | 7.2 | 3.2 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | 1 | 1 | 1 |
| 3 | 3 | 3 | 9 | 7 |
| 46 | 57 | 42 | 56 | 41 |
| 50 | 60 | 46 | 66 | 49 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|------|-------|-------|-------|
| 1,146 | 820 | 1,008 | 1,351 | 1,011 |
| 1 | — | — | — | 1 |
| 50 | 54 | 81 | 129 | 118 |
| 21 | 12 | 6 | 13 | 4 |
| 7 | 16 | — | — | — |
| 41 | 30 | 38 | 53 | 45 |
| 1,266 | 932 | 1,133 | 1,546 | 1,180 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 10 | 10 | 11 | 12 |
| 14 | 19 | 26 | 20 | 19 |
| 13 | 7 | 16 | 9 | 5 |
| 58 | 69 | 74 | 92 | 73 |
| 25 | 28 | 28 | 28 | 19 |
| 86 | 89 | 104 | 99 | 109 |
| 206 | 222 | 258 | 259 | 237 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 9 | 8 | 11 | 10 | 14 |
| 31 | 45 | 42 | 39 | 46 |
| 44 | 38 | 51 | 63 | 53 |
| 78 | 63 | 60 | 53 | 69 |
| 27 | 23 | 17 | 20 | 5 |
| 95 | 89 | 88 | 91 | 85 |
| 284 | 266 | 269 | 276 | 272 |

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 7 | 1 | 23 | 4 |
| 9 | 9 | — | 7 | 6 |
| 4 | 6 | 1 | 10 | 3 |
| 23 | 22 | 2 | 40 | 13 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|----|----|----|----|
| 3 | — | 2 | 3 | 2 |
| 2 | 3 | 12 | 11 | 17 |
| 4 | 11 | 3 | 18 | 7 |
| 9 | 14 | 17 | 32 | 26 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 9 | 4 | 7 | 5 | 5 |
| 6 | 7 | 14 | 9 | 15 |
| — | 1 | 2 | 1 | 2 |
| 15 | 12 | 23 | 15 | 22 |

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.2 | — | 0.2 | 0.2 | 0.2 |
| 0.7 | 0.7 | 0.7 | 2.1 | 1.6 |
| 11.0 | 13.5 | 9.9 | 13.0 | 9.5 |
| 12.0 | 14.3 | 10.9 | 15.4 | 11.3 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 272.3 | 193.7 | 234.6 | 312.6 | 231.1 |
| 0.3 | — | — | — | 0.3 |
| 11.8 | 12.7 | 18.9 | 29.8 | 27.1 |
| 4.9 | 2.8 | 1.4 | 2.9 | 1.0 |
| 1.6 | 3.7 | — | — | — |
| 9.8 | 7.1 | 8.8 | 12.2 | 10.2 |
| 300.8 | 220.1 | 263.7 | 357.6 | 269.7 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.4 | 2.4 | 2.3 | 2.5 | 2.7 |
| 3.3 | 4.5 | 6.0 | 4.6 | 4.3 |
| 3.1 | 1.7 | 3.7 | 2.1 | 1.1 |
| 13.8 | 16.3 | 17.2 | 21.3 | 16.7 |
| 5.9 | 6.6 | 6.5 | 6.5 | 4.3 |
| 20.4 | 21.0 | 24.2 | 22.9 | 24.9 |
| 48.9 | 52.4 | 60.0 | 59.9 | 54.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.1 | 1.9 | 2.6 | 2.3 | 3.2 |
| 7.4 | 10.6 | 9.8 | 9.0 | 10.5 |
| 10.5 | 9.0 | 11.9 | 14.6 | 12.1 |
| 18.5 | 14.9 | 14.0 | 12.3 | 15.8 |
| 6.4 | 5.4 | 4.0 | 4.6 | 1.1 |
| 22.6 | 21.0 | 20.5 | 21.1 | 19.4 |
| 67.5 | 62.8 | 62.6 | 63.8 | 62.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.4 | 1.7 | 0.2 | 5.3 | 0.9 |
| 2.1 | 2.1 | — | 1.6 | 1.4 |
| 1.0 | 1.4 | 0.2 | 2.3 | 0.7 |
| 5.5 | 5.2 | 0.5 | 9.3 | 3.0 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.7 | — | 0.5 | 0.7 | 0.5 |
| 0.5 | 0.7 | 2.8 | 2.5 | 3.9 |
| 1.0 | 2.6 | 0.7 | 4.2 | 1.6 |
| 2.1 | 3.3 | 4.0 | 7.4 | 5.9 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

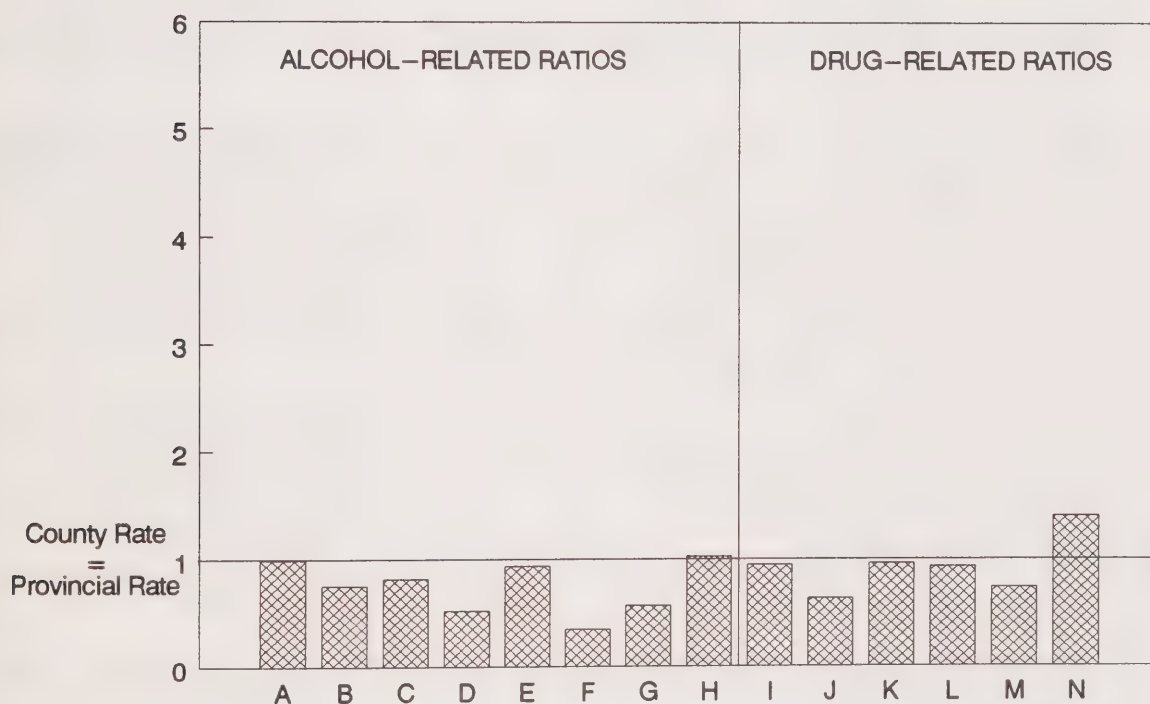
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.2 | 1.0 | 1.7 | 1.2 | 1.2 |
| 1.4 | 1.7 | 3.3 | 2.1 | 3.5 |
| — | 0.2 | 0.5 | 0.2 | 0.5 |
| 3.6 | 2.9 | 5.4 | 3.5 | 5.1 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 53.9 | 54.0 | 54.6 | 55.0 | 55.9 | 57.1 | 56.8 |
| 10-14 | 29.5 | 28.8 | 28.3 | 27.5 | 28.2 | 28.2 | 25.4 |
| 15-19 | 34.3 | 32.6 | 31.3 | 31.2 | 31.6 | 31.2 | 29.2 |
| 20-29 | 76.0 | 76.9 | 77.5 | 75.7 | 76.8 | 76.5 | 74.0 |
| 30-39 | 60.5 | 62.0 | 64.5 | 65.9 | 66.8 | 67.2 | 70.5 |
| 40-49 | 45.3 | 45.7 | 45.9 | 47.6 | 48.4 | 49.4 | 56.9 |
| 50-59 | 48.2 | 47.5 | 46.5 | 45.7 | 46.2 | 46.0 | 43.5 |
| 60-64 | 21.3 | 22.5 | 23.2 | 23.2 | 23.6 | 23.5 | 22.7 |
| 65-74 | 28.6 | 28.7 | 29.6 | 30.9 | 31.3 | 31.9 | 35.4 |
| 75+ | 18.5 | 19.1 | 19.5 | 20.4 | 20.8 | 21.4 | 23.3 |
| Total Population | 416.0 | 417.8 | 420.9 | 423.4 | 429.8 | 432.3 | 437.7 |
| Aged 15 and Over | 332.6 | 335.0 | 338.0 | 340.9 | 345.7 | 347.0 | 355.5 |
| Aged 20 and Over | 298.3 | 302.4 | 306.7 | 309.7 | 314.1 | 315.8 | 326.3 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HASTINGS

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 1,029.4 |
| | | | | 50,779 |
| | | | | 16,373 |
| | | | | 7,522 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,750 | 1,788 | 1,702 | 1,889 | 1,821 |
| n.a. | 2 | 1 | - | - |
| n.a. | 6 | 3 | 3 | 2 |
| 589 | 539 | 475 | 536 | 555 |
| 16 | 38 | 32 | 37 | 33 |
| 2,355 | 2,373 | 2,213 | 2,465 | 2,411 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 137 | 114 | 120 | 145 | 156 |
| 185 | 129 | 135 | 111 | 111 |
| 15 | 10 | 11 | 5 | 10 |
| 337 | 253 | 266 | 261 | 277 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 6 | 15 | 14 | 13 |
| 108 | 107 | 132 | 104 | 111 |
| 7 | 10 | 10 | 10 | 17 |
| 53 | 53 | 47 | 49 | 54 |
| 4 | 4 | 2 | 1 | 1 |
| 181 | 180 | 206 | 178 | 196 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 6 | 5 | 13 | 18 | 27 |
| 173 | 161 | 144 | 128 | 143 |
| 22 | 23 | 35 | 31 | 31 |
| 97 | 79 | 87 | 53 | 65 |
| - | 1 | 3 | 1 | 2 |
| 298 | 269 | 282 | 231 | 268 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 2 | 2 | 1 | - |
| 5 | 5 | 6 | 10 | 6 |
| - | - | - | - | - |
| 6 | 7 | 8 | 11 | 6 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|----|---|---|---|
| - | - | - | - | - |
| 7 | 11 | 3 | 8 | 5 |
| - | - | - | - | - |
| 7 | 11 | 3 | 8 | 5 |

HASTINGS

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.4 |
| | | | | 55,998 |
| | | | | 18,056 |
| | | | | 8,302 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,604.0 | 1,635.9 | 1,541.7 | 1,680.6 | 1,587.6 |
| n.a. | 1.8 | 0.9 | - | - |
| n.a. | 5.5 | 2.7 | 2.7 | 1.7 |
| 539.9 | 493.1 | 430.3 | 476.9 | 483.9 |
| 14.7 | 34.8 | 29.0 | 32.9 | 28.8 |
| 2,158.6 | 2,171.1 | 2,004.5 | 2,193.1 | 2,102.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 125.6 | 104.3 | 108.7 | 129.0 | 136.0 |
| 169.6 | 118.0 | 122.3 | 98.8 | 96.8 |
| 13.7 | 9.1 | 10.0 | 4.4 | 8.7 |
| 308.9 | 231.5 | 240.9 | 232.2 | 241.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.2 | 5.5 | 13.6 | 12.5 | 11.3 |
| 99.0 | 97.9 | 119.6 | 92.5 | 96.8 |
| 6.4 | 9.1 | 9.1 | 8.9 | 14.8 |
| 48.6 | 48.5 | 42.6 | 43.6 | 47.1 |
| 3.7 | 3.7 | 1.8 | 0.9 | 0.9 |
| 165.9 | 164.7 | 186.6 | 158.4 | 170.9 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.5 | 4.6 | 11.8 | 16.0 | 23.5 |
| 158.6 | 147.3 | 130.4 | 113.9 | 124.7 |
| 20.2 | 21.0 | 31.7 | 27.6 | 27.0 |
| 88.9 | 72.3 | 78.8 | 47.2 | 56.7 |
| - | 0.9 | 2.7 | 0.9 | 1.7 |
| 273.1 | 246.1 | 255.4 | 205.5 | 233.7 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | 1.8 | 1.8 | 0.9 | - |
| 4.6 | 4.6 | 5.4 | 8.9 | 5.2 |
| - | - | - | - | - |
| 5.5 | 6.4 | 7.2 | 9.8 | 5.2 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 6.4 | 10.1 | 2.7 | 7.1 | 4.4 |
| - | - | - | - | - |
| 6.4 | 10.1 | 2.7 | 7.1 | 4.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HASTINGS

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 1 | 2 | 2 | — |
| 15 | 12 | 15 | 11 | 10 |
| 15 | 13 | 17 | 13 | 10 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 119 | 154 | 116 | 114 | 135 |
| — | — | 1 | — | — |
| 3 | — | — | 1 | 11 |
| 97 | 24 | 24 | 31 | 9 |
| — | 3 | — | — | 3 |
| 3 | 6 | 6 | — | 8 |
| 222 | 187 | 148 | 146 | 166 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 6 | 4 | 8 | 9 |
| 9 | 6 | 24 | 15 | 15 |
| 5 | 9 | 4 | 12 | 9 |
| 50 | 32 | 34 | 23 | 35 |
| 15 | 9 | 13 | 6 | 3 |
| 35 | 34 | 29 | 17 | 18 |
| 118 | 96 | 108 | 81 | 89 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|-----|-----|-----|
| 1 | 2 | 4 | 8 | 8 |
| 10 | 10 | 20 | 26 | 21 |
| 22 | 18 | 19 | 25 | 26 |
| 27 | 20 | 32 | 34 | 22 |
| 13 | 5 | 10 | 11 | 6 |
| 18 | 12 | 26 | 18 | 28 |
| 91 | 67 | 111 | 122 | 111 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 3 | 2 | — |
| 5 | 3 | 2 | 3 | 2 |
| — | — | — | 1 | 1 |
| 6 | 4 | 5 | 6 | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|----|---|----|---|
| — | — | — | — | — |
| 5 | 10 | 8 | 12 | 7 |
| — | — | 1 | 1 | 1 |
| 5 | 10 | 9 | 13 | 8 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 3 | — | — | 2 | 1 |
| 3 | 2 | — | 2 | 1 |
| — | — | — | — | — |
| 6 | 2 | — | 4 | 2 |

HASTINGS

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 0.9 | 1.8 | 1.8 | — |
| 13.8 | 11.0 | 13.7 | 10.0 | 8.9 |
| 13.8 | 11.9 | 15.6 | 11.8 | 8.9 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 109.3 | 140.5 | 105.0 | 101.0 | 117.9 |
| — | — | 1.2 | — | — |
| 2.5 | — | — | 1.1 | 9.4 |
| 89.0 | 21.7 | 22.2 | 28.0 | 7.4 |
| — | 2.9 | — | — | 2.5 |
| 2.4 | 5.8 | 5.5 | — | 7.3 |
| 203.2 | 170.8 | 133.9 | 130.1 | 144.5 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--------------------------------------|--|----------|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.7 | 5.5 | 3.6 | 7.1 | 7.8 |
| 8.2 | 5.5 | 21.7 | 13.3 | 13.1 |
| 4.6 | 8.2 | 3.6 | 10.7 | 7.8 |
| 45.8 | 29.3 | 30.8 | 20.5 | 30.5 |
| 13.7 | 8.2 | 11.8 | 5.3 | 2.6 |
| 32.1 | 31.1 | 26.3 | 15.1 | 15.7 |
| 108.2 | 87.8 | 97.8 | 72.1 | 77.6 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |
| 0.9 | 1.8 | 3.6 | 7.1 | 7.0 |
| 9.2 | 9.1 | 18.1 | 23.1 | 18.3 |
| 20.2 | 16.5 | 17.2 | 22.2 | 22.7 |
| 24.7 | 18.3 | 29.0 | 30.2 | 19.2 |
| 11.9 | 4.6 | 9.1 | 9.8 | 5.2 |
| 16.5 | 11.0 | 23.6 | 16.0 | 24.4 |
| 83.4 | 61.3 | 100.5 | 108.5 | 96.8 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | 0.9 | 2.7 | 1.8 | — |
| 4.6 | 2.7 | 1.8 | 2.7 | 1.7 |
| — | — | — | 0.9 | 0.9 |
| 5.5 | 3.7 | 4.5 | 5.3 | 2.6 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| — | — | — | — | — |
| 4.6 | 9.1 | 7.2 | 10.7 | 6.1 |
| — | — | 0.9 | 0.9 | 0.9 |
| 4.6 | 9.1 | 8.2 | 11.6 | 7.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

| | |
|--|--|
| <u>From Drugs, Medicaments & Biologicals</u> | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

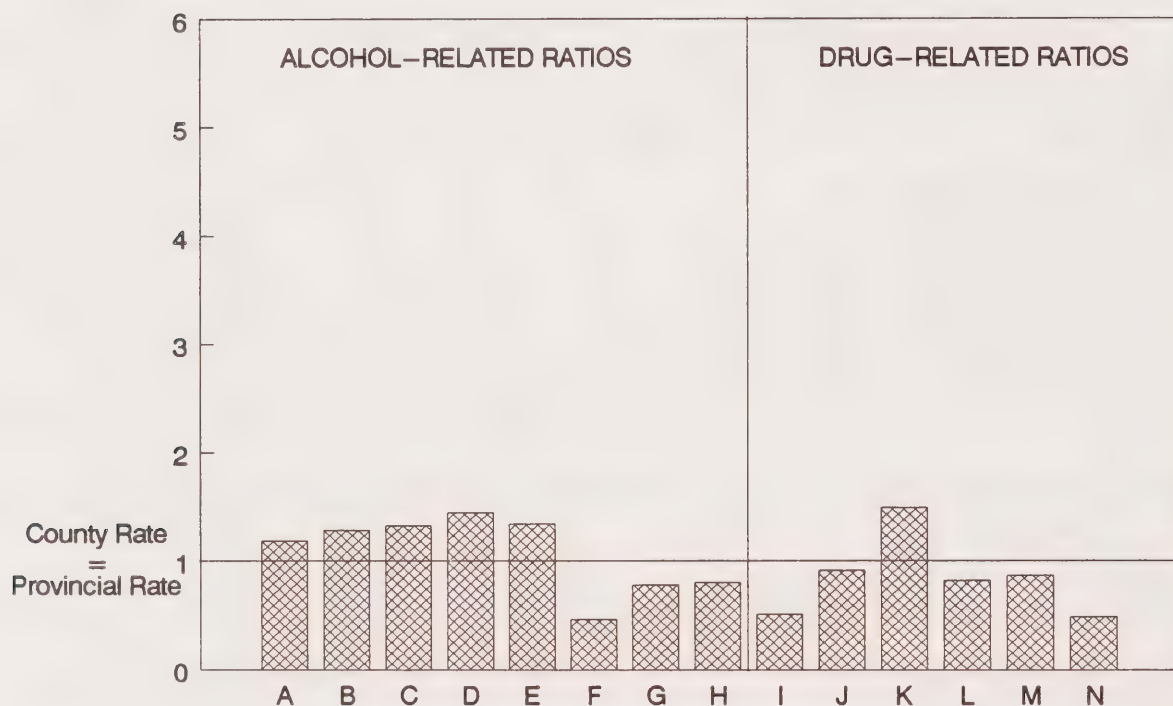
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.8 | — | — | 1.8 | 0.9 |
| 2.8 | 1.8 | — | 1.8 | 0.9 |
| — | — | — | — | — |
| 5.5 | 1.8 | — | 3.6 | 1.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HASTINGS

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 15.4 | 15.4 | 15.5 | 15.0 | 15.4 | 15.8 | 16.0 |
| 10-14 | 8.7 | 8.4 | 8.2 | 7.8 | 7.8 | 8.0 | 8.1 |
| 15-19 | 9.7 | 9.2 | 8.8 | 8.3 | 8.4 | 8.5 | 8.5 |
| 20-29 | 19.9 | 21.7 | 22.9 | 18.1 | 17.9 | 18.5 | 18.5 |
| 30-39 | 14.2 | 14.6 | 15.1 | 16.0 | 16.2 | 16.5 | 17.0 |
| 40-49 | 11.5 | 11.6 | 11.6 | 12.0 | 12.7 | 12.5 | 13.1 |
| 50-59 | 10.9 | 10.8 | 10.6 | 11.4 | 11.3 | 11.5 | 11.7 |
| 60-64 | 5.2 | 5.0 | 4.9 | 5.7 | 5.7 | 5.9 | 5.9 |
| 65-74 | 7.4 | 7.3 | 7.2 | 9.0 | 9.3 | 9.4 | 9.7 |
| 75+ | 4.5 | 4.5 | 4.4 | 5.7 | 5.9 | 6.0 | 6.2 |
| Total Population | 107.8 | 108.6 | 109.1 | 109.3 | 110.4 | 112.4 | 114.7 |
| Aged 15 and Over | 83.7 | 84.8 | 85.4 | 86.5 | 87.2 | 88.6 | 90.6 |
| Aged 20 and Over | 74.0 | 75.6 | 76.6 | 78.2 | 78.8 | 80.1 | 82.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 383.0 |
| | | | | 27,768 |
| | | | | 5,715 |
| | | | | 2,507 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,477 | 1,544 | 1,651 | 1,965 | 1,868 |
| n.a. | 1 | - | 2 | 1 |
| n.a. | 2 | 1 | 5 | 1 |
| 197 | 200 | 217 | 229 | 197 |
| 33 | 28 | 28 | 29 | 15 |
| 1,707 | 1,775 | 1,897 | 2,230 | 2,082 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 101 | 67 | 68 | 58 | 48 |
| 93 | 74 | 57 | 61 | 36 |
| 6 | 6 | 2 | 6 | 2 |
| 200 | 147 | 127 | 125 | 86 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 13 | 7 | 11 | 6 |
| 52 | 60 | 49 | 55 | 55 |
| 3 | 12 | 11 | 9 | 6 |
| 20 | 24 | 26 | 25 | 24 |
| 4 | 3 | 1 | 7 | - |
| 84 | 112 | 94 | 107 | 91 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 10 | 5 | 8 | 5 | 7 |
| 84 | 75 | 61 | 65 | 71 |
| 10 | 6 | 16 | 15 | 14 |
| 25 | 30 | 21 | 26 | 21 |
| 2 | 2 | - | 1 | - |
| 131 | 118 | 106 | 112 | 113 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 3 | - | - |
| 10 | 10 | 13 | 9 | 6 |
| 1 | - | - | 1 | - |
| 12 | 11 | 16 | 10 | 6 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 4 | 7 | 6 | 4 | 2 |
| - | - | - | - | - |
| 4 | 7 | 6 | 4 | 2 |

HURON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.8 |
| | | | | 63,542 |
| | | | | 13,078 |
| | | | | 5,737 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,632.8 | 2,757.1 | 2,927.3 | 3,441.3 | 3,248.7 |
| n.a. | 1.8 | - | 3.5 | 1.7 |
| n.a. | 3.6 | 1.8 | 8.8 | 1.7 |
| 351.2 | 357.1 | 384.8 | 401.1 | 342.6 |
| 58.8 | 50.0 | 49.6 | 50.8 | 26.1 |
| 3,042.8 | 3,169.6 | 3,363.5 | 3,905.4 | 3,620.9 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 180.0 | 119.6 | 120.6 | 101.6 | 83.5 |
| 165.8 | 132.1 | 101.1 | 106.8 | 62.6 |
| 10.7 | 10.7 | 3.5 | 10.5 | 3.5 |
| 356.5 | 262.5 | 225.2 | 218.9 | 149.6 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.9 | 23.2 | 12.4 | 19.3 | 10.4 |
| 92.7 | 107.1 | 86.9 | 96.3 | 95.7 |
| 5.3 | 21.4 | 19.5 | 15.8 | 10.4 |
| 35.7 | 42.9 | 46.1 | 43.8 | 41.7 |
| 7.1 | 5.4 | 1.8 | 12.3 | - |
| 149.7 | 200.0 | 166.7 | 187.4 | 158.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 17.8 | 8.9 | 14.2 | 8.8 | 12.2 |
| 149.7 | 133.9 | 108.2 | 113.8 | 123.5 |
| 17.8 | 10.7 | 28.4 | 26.3 | 24.3 |
| 44.6 | 53.6 | 37.2 | 45.5 | 36.5 |
| 3.6 | 3.6 | - | 1.8 | - |
| 233.5 | 210.7 | 187.9 | 196.1 | 196.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.8 | 1.8 | 5.3 | - | - |
| 17.8 | 17.9 | 23.0 | 15.8 | 10.4 |
| 1.8 | - | - | 1.8 | - |
| 21.4 | 19.6 | 28.4 | 17.5 | 10.4 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 7.1 | 12.5 | 10.6 | 7.0 | 3.5 |
| - | - | - | - | - |
| 7.1 | 12.5 | 10.6 | 7.0 | 3.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

HURON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1 | 2 | — | — | — |
| 2 | 4 | 7 | 3 | 6 |
| 3 | 6 | 7 | 3 | 6 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 36 | 72 | 67 | 97 | 148 |
| — | 1 | — | — | — |
| — | 7 | 1 | 2 | 1 |
| 14 | — | 18 | — | 4 |
| — | — | 2 | — | — |
| — | 5 | 1 | 1 | 8 |
| 50 | 85 | 89 | 101 | 162 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | — | — | 2 | — |
| 2 | 1 | 3 | — | 5 |
| 1 | 3 | 1 | — | — |
| 6 | 10 | 16 | 12 | 13 |
| 5 | 4 | 3 | 2 | — |
| 11 | 18 | 14 | 14 | 16 |
| 27 | 36 | 37 | 30 | 34 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 1 | 1 | — | 1 | 4 |
| 3 | 8 | 11 | 3 | 13 |
| 5 | 6 | 6 | 7 | 5 |
| 7 | 10 | 6 | 7 | 6 |
| — | 1 | 4 | 3 | 3 |
| 3 | 14 | 14 | 2 | 11 |
| 19 | 40 | 41 | 23 | 42 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1 | — | 2 | — |
| — | — | — | 1 | 1 |
| — | — | — | 1 | 1 |
| — | 1 | — | 4 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|----|
| 1 | — | 1 | — | — |
| 1 | 3 | 2 | 3 | 3 |
| 1 | — | 3 | 5 | 7 |
| 3 | 3 | 6 | 8 | 10 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 1 | — |
| 2 | — | — | 2 | 1 |
| — | — | — | — | — |
| 2 | — | — | 3 | 1 |

HURON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1.8 | 3.6 | — | — | — |
| 3.6 | 7.1 | 12.5 | 5.3 | 10.5 |
| 5.4 | 10.7 | 12.5 | 5.3 | 10.5 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 64.2 | 128.4 | 118.4 | 169.5 | 258.2 |
| — | 2.1 | — | — | — |
| — | 12.6 | 2.3 | 4.3 | 2.1 |
| 24.7 | — | 32.5 | — | 7.4 |
| — | — | 2.7 | — | — |
| — | 9.0 | 2.2 | 2.3 | 14.6 |
| 88.9 | 152.2 | 158.2 | 176.1 | 282.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.6 | — | — | 3.5 | — |
| 3.6 | 1.8 | 5.3 | — | 8.7 |
| 1.8 | 5.4 | 1.8 | — | — |
| 10.7 | 17.9 | 28.4 | 21.0 | 22.6 |
| 8.9 | 7.1 | 5.3 | 3.5 | — |
| 19.6 | 32.1 | 24.8 | 24.5 | 27.8 |
| 48.1 | 64.3 | 65.6 | 52.5 | 59.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|-----------|--|--------|
| General H | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| | | | | |
|------|------|------|------|------|
| 1.8 | 1.8 | — | 1.8 | 7.0 |
| 5.3 | 14.3 | 19.5 | 5.3 | 22.6 |
| 8.9 | 10.7 | 10.6 | 12.3 | 8.7 |
| 12.5 | 17.9 | 10.6 | 12.3 | 10.4 |
| — | 1.8 | 7.1 | 5.3 | 5.2 |
| 5.3 | 25.0 | 24.8 | 3.5 | 19.1 |
| 33.9 | 71.4 | 72.7 | 40.3 | 73.0 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1.8 | — | 3.5 | — |
| — | — | — | 1.8 | 1.7 |
| — | — | — | 1.8 | 1.7 |
| — | 1.8 | — | 7.0 | 3.5 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | |
|--------|-----------------------------|----------|
| Mental | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| | | | | |
|-----|-----|------|------|------|
| 1.8 | — | 1.8 | — | — |
| 1.8 | 5.4 | 3.5 | 5.3 | 5.2 |
| 1.8 | — | 5.3 | 8.8 | 12.2 |
| 5.3 | 5.4 | 10.6 | 14.0 | 17.4 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

| | |
|--|--|
| <u>From Drugs, Medicaments & Biologicals</u> | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

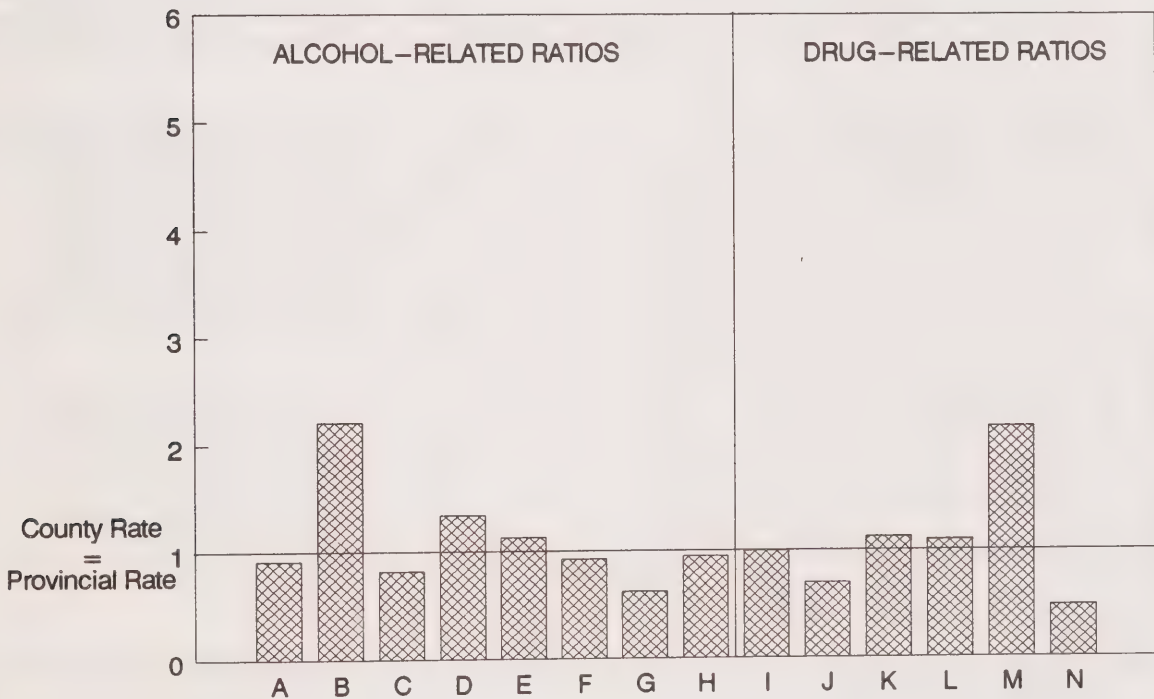
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 1.8 | — |
| 3.6 | — | — | 3.5 | 1.8 |
| — | — | — | — | — |
| 3.6 | — | — | 5.3 | 1.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

HURON

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 8.0 | 8.1 | 7.9 | 8.6 | 8.8 | 9.4 | 8.6 |
| 10-14 | 4.2 | 4.1 | 4.0 | 4.3 | 4.3 | 4.5 | 4.1 |
| 15-19 | 5.1 | 4.6 | 4.4 | 4.3 | 4.5 | 4.2 | 4.2 |
| 20-29 | 8.6 | 8.5 | 8.9 | 8.2 | 8.4 | 8.6 | 8.1 |
| 30-39 | 7.5 | 7.8 | 8.0 | 8.0 | 7.9 | 7.8 | 8.2 |
| 40-49 | 5.7 | 5.8 | 5.7 | 5.8 | 6.0 | 6.1 | 6.9 |
| 50-59 | 5.7 | 5.6 | 5.4 | 5.4 | 5.1 | 4.8 | 5.0 |
| 60-64 | 3.0 | 3.0 | 3.0 | 2.9 | 2.7 | 2.7 | 2.9 |
| 65-74 | 5.1 | 5.3 | 5.3 | 5.2 | 5.1 | 5.0 | 5.5 |
| 75+ | 3.4 | 3.4 | 3.6 | 3.4 | 3.6 | 3.8 | 4.0 |
| Total Population | 56.2 | 56.0 | 56.1 | 56.0 | 56.4 | 57.1 | 57.5 |
| Aged 15 and Over | 44.0 | 43.8 | 44.2 | 43.1 | 43.3 | 43.2 | 44.8 |
| Aged 20 and Over | 38.9 | 39.2 | 39.8 | 38.8 | 38.8 | 39.0 | 40.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 644.0 |
| | | | | 21,726 |
| | | | | 10,484 |
| | | | | 5,213 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 5,405 | 5,748 | 5,609 | 5,823 | 5,463 |
| n.a. | - | 1 | - | - |
| n.a. | 2 | 2 | - | 1 |
| 563 | 585 | 538 | 509 | 525 |
| 5 | 36 | 22 | 31 | 15 |
| 5,973 | 6,371 | 6,172 | 6,363 | 6,004 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 84 | 80 | 82 | 76 | 58 |
| 79 | 67 | 79 | 44 | 48 |
| 9 | 5 | 7 | 6 | 4 |
| 172 | 152 | 168 | 126 | 110 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol
Secondary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 88 | 107 | 127 | 74 | 70 |
| 149 | 129 | 145 | 98 | 104 |
| 31 | 27 | 29 | 20 | 14 |
| 21 | 19 | 23 | 14 | 15 |
| 3 | 10 | 4 | 4 | 8 |
| 292 | 292 | 328 | 210 | 211 |

Total

Mental Hospitals
Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
Secondary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 23 | 26 | 30 | 25 | 21 |
| 278 | 210 | 234 | 177 | 195 |
| 78 | 81 | 68 | 77 | 73 |
| 24 | 23 | 20 | 26 | 31 |
| 4 | 2 | 6 | 5 | 4 |
| 407 | 342 | 358 | 310 | 324 |

Total

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | - | 5 | 1 |
| 59 | 73 | 40 | 38 | 20 |
| 6 | 5 | 2 | 11 | 26 |
| 66 | 78 | 42 | 54 | 47 |

Total

Secondary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | - | - |
| 11 | 6 | 2 | - | 2 |
| 3 | 5 | 3 | 3 | 2 |
| 14 | 11 | 6 | 3 | 4 |

Total

KENORA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 14.2 |
| | | | | 47,813 |
| | | | | 23,072 |
| | | | | 11,472 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|----------|----------|----------|----------|
| 9,038.5 | 9,725.9 | 9,411.1 | 9,721.2 | 9,120.2 |
| n.a. | - | 1.7 | - | - |
| n.a. | 3.4 | 3.4 | - | 1.7 |
| 941.5 | 989.8 | 902.7 | 849.7 | 876.5 |
| 8.4 | 60.9 | 36.9 | 51.8 | 25.0 |
| 9,988.3 | 10,780.0 | 10,355.7 | 10,622.7 | 10,023.4 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 140.5 | 135.4 | 137.6 | 126.9 | 96.8 |
| 132.1 | 113.4 | 132.6 | 73.5 | 80.1 |
| 15.1 | 8.5 | 11.7 | 10.0 | 6.7 |
| 287.6 | 257.2 | 281.9 | 210.4 | 183.6 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 147.2 | 181.0 | 213.1 | 123.5 | 116.9 |
| 249.2 | 218.3 | 243.3 | 163.6 | 173.6 |
| 51.8 | 45.7 | 48.7 | 33.4 | 23.4 |
| 35.1 | 32.1 | 38.6 | 23.4 | 25.0 |
| 5.0 | 16.9 | 6.7 | 6.7 | 13.4 |
| 488.3 | 494.1 | 550.3 | 350.6 | 352.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 38.5 | 44.0 | 50.3 | 41.7 | 35.1 |
| 464.9 | 355.3 | 392.6 | 295.5 | 325.5 |
| 130.4 | 137.1 | 114.1 | 128.5 | 121.9 |
| 40.1 | 38.9 | 33.6 | 43.4 | 51.8 |
| 6.7 | 3.4 | 10.1 | 8.3 | 6.7 |
| 680.6 | 578.7 | 600.7 | 517.5 | 540.9 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.7 | - | - | 8.3 | 1.7 |
| 98.7 | 123.5 | 67.1 | 63.4 | 33.4 |
| 10.0 | 8.5 | 3.4 | 18.4 | 43.4 |
| 110.4 | 132.0 | 70.5 | 90.2 | 78.5 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1.7 | - | - |
| 18.4 | 10.2 | 3.4 | - | 3.3 |
| 5.0 | 8.5 | 5.0 | 5.0 | 3.3 |
| 23.4 | 18.6 | 10.1 | 5.0 | 6.7 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

General Hospitals

Mental Hospitals

KENORA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | 1 |
| 2 | 3 | 1 | 4 | 1 |
| 4 | 8 | 7 | 5 | 5 |
| 6 | 11 | 8 | 9 | 7 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 111 | 98 | 147 | 128 | 182 |
| 1 | - | 1 | - | - |
| 8 | 4 | 10 | 32 | 35 |
| 21 | 12 | 18 | 13 | 17 |
| 1 | - | - | 4 | - |
| 13 | 5 | 5 | 7 | 14 |
| 155 | 119 | 183 | 183 | 248 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 14 | 11 | 4 | 3 |
| 15 | 16 | 14 | 13 | 17 |
| 2 | 5 | 5 | 6 | 9 |
| 78 | 81 | 103 | 110 | 113 |
| 2 | 12 | 8 | 7 | 8 |
| 15 | 21 | 22 | 26 | 22 |
| 121 | 149 | 163 | 166 | 172 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 10 | 6 | 4 | 2 |
| 17 | 16 | 23 | 13 | 25 |
| 22 | 21 | 18 | 19 | 20 |
| 8 | 18 | 15 | 14 | 11 |
| 1 | 2 | 5 | 4 | 3 |
| 4 | 6 | 15 | 10 | 9 |
| 56 | 73 | 82 | 64 | 70 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | - | 1 | - | 1 |
| 6 | 8 | 3 | 5 | 5 |
| - | 3 | 1 | 2 | 2 |
| 8 | 11 | 5 | 7 | 8 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | - | - | - |
| 15 | 24 | 14 | 19 | 17 |
| - | - | - | 1 | - |
| 16 | 24 | 14 | 20 | 17 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 1 | - | 1 | - |
| - | 2 | 2 | 3 | - |
| 1 | - | 1 | 1 | 1 |
| 2 | 3 | 3 | 5 | 1 |

KENORA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | — | — | — | — | 1.7 |
| Alcohol Dependence Syndrome | 3.4 | 5.0 | 1.7 | 6.7 | 1.7 |
| Chronic Liver Disease and Cirrhosis | 6.7 | 13.4 | 11.8 | 8.4 | 8.3 |
| County | 10.1 | 18.4 | 13.5 | 15.1 | 11.7 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 184.8 | 165.0 | 247.4 | 213.4 | 304.3 |
| Heroin | 2.2 | — | 2.3 | — | — |
| Cocaine | 13.8 | 7.2 | 17.6 | 53.3 | 57.9 |
| Other Drugs | 34.8 | 20.1 | 30.8 | 21.0 | 28.5 |
| Controlled Drugs | 2.2 | — | — | 6.8 | — |
| Restricted Drugs | 21.7 | 8.5 | 8.2 | 11.0 | 23.4 |
| County | 259.5 | 200.8 | 306.2 | 305.6 | 414.1 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

| <u>Primary Diagnoses</u> | | 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|--|----------|---------|---------|---------|---------|---------|
| Drug Psychoses | | 15.1 | 23.7 | 18.5 | 6.7 | 5.0 |
| Drug Dependence | | 25.1 | 27.1 | 23.5 | 21.7 | 28.4 |
| Nondependent Abuse of Drugs | | 3.3 | 8.5 | 8.4 | 10.0 | 15.0 |
| Poisoning by Analgesics, Antipyretics... | | 130.4 | 137.1 | 172.8 | 183.6 | 188.6 |
| Poisoning by Sedatives and Hypnotics | | 3.3 | 20.3 | 13.4 | 11.7 | 13.4 |
| Poisoning by Psychotropic Agents | | 25.1 | 35.5 | 36.9 | 43.4 | 36.7 |
| | County | 202.3 | 252.1 | 273.5 | 277.1 | 287.1 |
| | Province | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| <u>Secondary Diagnoses</u> | | | | | | |
|--|----------|------|-------|-------|-------|-------|
| Drug Psychoses | | 6.7 | 16.9 | 10.1 | 6.7 | 3.3 |
| Drug Dependence | | 28.4 | 27.1 | 38.6 | 21.7 | 41.7 |
| Nondependent Abuse of Drugs | | 36.8 | 35.5 | 30.2 | 31.7 | 33.4 |
| Poisoning by Analgesics, Antipyretics... | | 13.4 | 30.5 | 25.2 | 23.4 | 18.4 |
| Poisoning by Sedatives and Hypnotics | | 1.7 | 3.4 | 8.4 | 6.7 | 5.0 |
| Poisoning by Psychotropic Agents | | 6.7 | 10.2 | 25.2 | 16.7 | 15.0 |
| | County | 93.6 | 123.5 | 137.6 | 106.8 | 116.9 |
| | Province | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | | | | | | | | | |
|------------------|-----------------------------|----------|--|--|--|---------|---------|---------|---------|---------|
| Mental Hospitals | <u>Primary Diagnoses</u> | | | | | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
| | Drug Psychoses | | | | | 3.3 | — | 1.7 | — | 1.7 |
| | Drug Dependence | | | | | 10.0 | 13.5 | 5.0 | 8.3 | 8.3 |
| | Nondependent Abuse of Drugs | | | | | — | 5.1 | 1.7 | 3.3 | 3.3 |
| | | County | | | | 13.4 | 18.6 | 8.4 | 11.7 | 13.4 |
| | | Province | | | | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| | <u>Secondary Diagnoses</u> | | | | | | | | | |
| | Drug Psychoses | | | | | 1.7 | — | — | — | — |
| | Drug Dependence | | | | | 25.1 | 40.6 | 23.5 | 31.7 | 28.4 |
| | Nondependent Abuse of Drugs | | | | | — | — | — | 1.7 | — |
| | | County | | | | 26.8 | 40.6 | 23.5 | 33.4 | 28.4 |
| | | Province | | | | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

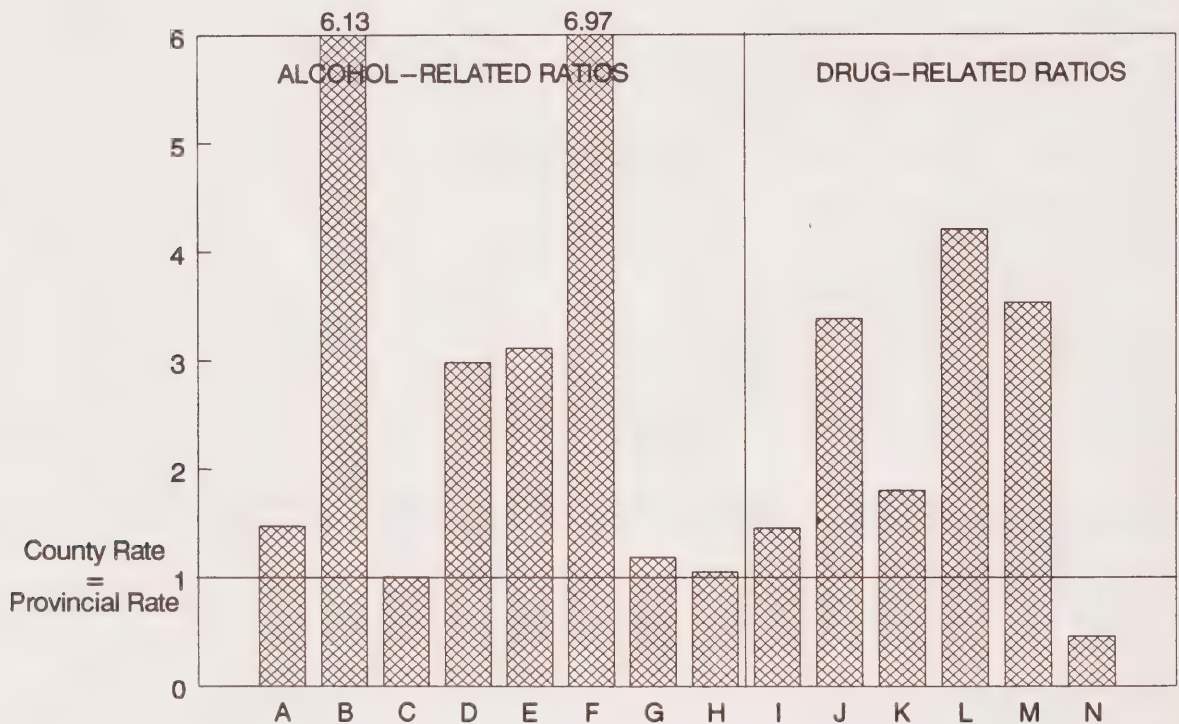
| | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------------|------|------|------|------|------|
| Accidental Poisoning | 1.7 | 1.7 | — | 1.7 | — |
| Suicide | — | 3.3 | 3.4 | 5.0 | — |
| Undetermined | 1.7 | — | 1.7 | 1.7 | 1.7 |
| County | 3.4 | 5.0 | 5.1 | 8.4 | 1.7 |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

KENORA

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0-9 | 11.5 | 11.5 | 11.6 | 10.5 | 11.4 | 11.4 | 12.0 |
| 10-14 | 5.6 | 5.6 | 5.5 | 5.2 | 5.2 | 5.2 | 5.2 |
| 15-19 | 5.6 | 5.4 | 5.3 | 5.1 | 5.1 | 4.9 | 4.9 |
| 20-29 | 10.7 | 10.8 | 11.0 | 10.5 | 10.3 | 10.0 | 9.7 |
| 30-39 | 8.1 | 8.4 | 8.6 | 9.2 | 9.0 | 9.2 | 9.0 |
| 40-49 | 5.7 | 5.7 | 5.6 | 6.2 | 6.3 | 6.6 | 6.8 |
| 50-59 | 5.1 | 5.0 | 5.1 | 5.1 | 4.9 | 4.9 | 4.8 |
| 60-64 | 2.1 | 2.3 | 2.2 | 2.2 | 2.2 | 2.3 | 2.1 |
| 65-74 | 3.0 | 3.1 | 3.0 | 3.4 | 3.4 | 3.3 | 3.3 |
| 75+ | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 2.0 | 2.1 |
| Total Population | 59.1 | 59.5 | 59.8 | 59.1 | 59.6 | 59.9 | 59.9 |
| Aged 15 and Over | 42.0 | 42.4 | 42.7 | 43.4 | 43.0 | 43.3 | 42.7 |
| Aged 20 and Over | 36.4 | 37.0 | 37.4 | 38.3 | 37.9 | 38.4 | 37.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

KENT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 781.8 |
| | 53,287 |
| | 11,841 |
| | 5,220 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,711 | 2,820 | 3,172 | 3,080 | 3,047 |
| n.a. | - | 3 | 4 | - |
| n.a. | 6 | 8 | 11 | 7 |
| 860 | 669 | 710 | 741 | 687 |
| 60 | 64 | 58 | 63 | 54 |
| 3,631 | 3,559 | 3,951 | 3,899 | 3,795 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 126 | 97 | 115 | 107 | 105 |
| 166 | 116 | 145 | 107 | 98 |
| 7 | 7 | 8 | 9 | 2 |
| 299 | 220 | 268 | 223 | 205 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 6 | 7 | 7 | 9 |
| 82 | 97 | 81 | 56 | 89 |
| 36 | 42 | 49 | 52 | 32 |
| 41 | 47 | 55 | 52 | 63 |
| 8 | 4 | 8 | 8 | 7 |
| 175 | 196 | 200 | 175 | 200 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 1 | 6 | 5 | 14 | 6 |
| 139 | 166 | 154 | 159 | 150 |
| 52 | 36 | 37 | 50 | 43 |
| 76 | 60 | 59 | 46 | 73 |
| 4 | 1 | 2 | 3 | 1 |
| 272 | 269 | 257 | 272 | 273 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | - | 1 |
| 16 | 16 | 21 | 11 | 16 |
| - | 2 | - | 1 | 1 |
| 16 | 18 | 22 | 12 | 18 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|----|----|----|----|
| - | - | 1 | - | - |
| 3 | 10 | 6 | 12 | 8 |
| - | - | 3 | 3 | 3 |
| 3 | 10 | 10 | 15 | 11 |

General Hospitals

Mental Hospitals

KENT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.2 |
| | | | | 62,382 |
| | | | | 13,862 |
| | | | | 6,111 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,547.9 | 2,642.9 | 2,956.2 | 2,846.6 | 2,795.4 |
| n.a. | - | 2.8 | 3.7 | - |
| n.a. | 5.6 | 7.5 | 10.2 | 6.4 |
| 808.3 | 627.0 | 661.7 | 684.8 | 630.3 |
| 56.4 | 60.0 | 54.1 | 58.2 | 49.5 |
| 3,412.6 | 3,335.5 | 3,682.2 | 3,603.5 | 3,481.7 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 118.4 | 90.9 | 107.2 | 98.9 | 96.3 |
| 156.0 | 108.7 | 135.1 | 98.9 | 89.9 |
| 6.6 | 6.6 | 7.5 | 8.3 | 1.8 |
| 281.0 | 206.2 | 249.8 | 206.1 | 188.1 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.5 | 5.6 | 6.5 | 6.5 | 8.3 |
| 77.1 | 90.9 | 75.5 | 51.8 | 81.7 |
| 33.8 | 39.4 | 45.7 | 48.1 | 29.4 |
| 38.5 | 44.0 | 51.3 | 48.1 | 57.8 |
| 7.5 | 3.7 | 7.5 | 7.4 | 6.4 |
| 164.5 | 183.7 | 186.4 | 161.7 | 183.5 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 0.9 | 5.6 | 4.7 | 12.9 | 5.5 |
| 130.6 | 155.6 | 143.5 | 147.0 | 137.6 |
| 48.9 | 33.7 | 34.5 | 46.2 | 39.4 |
| 71.4 | 56.2 | 55.0 | 42.5 | 67.0 |
| 3.8 | 0.9 | 1.9 | 2.8 | 0.9 |
| 255.6 | 252.1 | 239.5 | 251.4 | 250.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 0.9 | - | 0.9 |
| 15.0 | 15.0 | 19.6 | 10.2 | 14.7 |
| - | 1.9 | - | 0.9 | 0.9 |
| 15.0 | 16.9 | 20.5 | 11.1 | 16.5 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|------|------|
| - | - | 0.9 | - | - |
| 2.8 | 9.4 | 5.6 | 11.1 | 7.3 |
| - | - | 2.8 | 2.8 | 2.8 |
| 2.8 | 9.4 | 9.3 | 13.9 | 10.1 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

KENT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1 | — | 2 | 1 | 2 |
| 12 | 7 | 9 | 10 | 5 |
| 13 | 7 | 11 | 11 | 7 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 196 | 308 | 277 | 271 | 267 |
| 1 | — | — | 4 | 1 |
| — | 18 | 10 | 64 | 7 |
| 21 | 12 | 110 | 72 | 9 |
| 4 | 11 | 2 | 12 | 1 |
| 14 | 6 | 11 | 7 | 10 |
| 237 | 356 | 410 | 430 | 295 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 3 | 4 | 6 | 2 |
| 3 | 3 | 3 | 4 | 4 |
| 6 | 15 | 10 | 8 | 1 |
| 24 | 25 | 36 | 38 | 34 |
| 16 | 9 | 8 | 13 | 10 |
| 39 | 44 | 47 | 32 | 25 |
| 89 | 99 | 108 | 101 | 76 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|-----|-----|
| 2 | 2 | 3 | 1 | 4 |
| 16 | 15 | 9 | 8 | 5 |
| 13 | 30 | 31 | 27 | 25 |
| 12 | 14 | 21 | 28 | 29 |
| 7 | 2 | 3 | 11 | 12 |
| 27 | 30 | 12 | 32 | 25 |
| 77 | 93 | 79 | 107 | 100 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 2 | — | — | — |
| 1 | 7 | 3 | — | 3 |
| — | — | — | — | — |
| 1 | 9 | 3 | — | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|---|---|----|
| — | — | — | — | 1 |
| 7 | 13 | 5 | 2 | 7 |
| 3 | — | 4 | 2 | 3 |
| 10 | 13 | 9 | 4 | 11 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | 1 | 1 | 3 |
| 2 | 4 | 5 | 3 | 6 |
| — | — | — | — | — |
| 2 | 4 | 6 | 4 | 9 |

KENT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 0.9 | - | 1.9 | 0.9 | 1.8 |
| 11.3 | 6.6 | 8.4 | 9.3 | 4.6 |
| 12.2 | 6.6 | 10.3 | 10.3 | 6.5 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 184.4 | 289.0 | 258.4 | 250.7 | 244.7 |
| 1.2 | - | - | 3.7 | 1.1 |
| - | 17.3 | 9.8 | 59.0 | 6.6 |
| 19.6 | 11.1 | 102.6 | 66.9 | 7.8 |
| 3.8 | 10.2 | 1.4 | 11.4 | 1.3 |
| 13.4 | 5.9 | 10.2 | 6.1 | 9.0 |
| 222.3 | 333.5 | 382.4 | 397.7 | 270.6 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | 2.8 | 3.7 | 5.5 | 1.8 |
| 2.8 | 2.8 | 2.8 | 3.7 | 3.7 |
| 5.6 | 14.1 | 9.3 | 7.4 | 0.9 |
| 22.6 | 23.4 | 33.6 | 35.1 | 31.2 |
| 15.0 | 8.4 | 7.5 | 12.0 | 9.2 |
| 36.7 | 41.2 | 43.8 | 29.6 | 22.9 |
| 83.6 | 92.8 | 100.7 | 93.3 | 69.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | 1.9 | 2.8 | 0.9 | 3.7 |
| 15.0 | 14.1 | 8.4 | 7.4 | 4.6 |
| 12.2 | 28.1 | 28.9 | 25.0 | 22.9 |
| 11.3 | 13.1 | 19.6 | 25.9 | 26.6 |
| 6.6 | 1.9 | 2.8 | 10.2 | 11.0 |
| 25.4 | 28.1 | 11.2 | 29.6 | 22.9 |
| 72.4 | 87.2 | 73.6 | 98.9 | 91.7 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1.9 | - | - | - |
| 0.9 | 6.6 | 2.8 | - | 2.8 |
| - | - | - | - | - |
| 0.9 | 8.4 | 2.8 | - | 2.8 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | 0.9 |
| 6.6 | 12.2 | 4.7 | 1.8 | 6.4 |
| 2.8 | - | 3.7 | 1.8 | 2.8 |
| 9.4 | 12.2 | 8.4 | 3.7 | 10.1 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

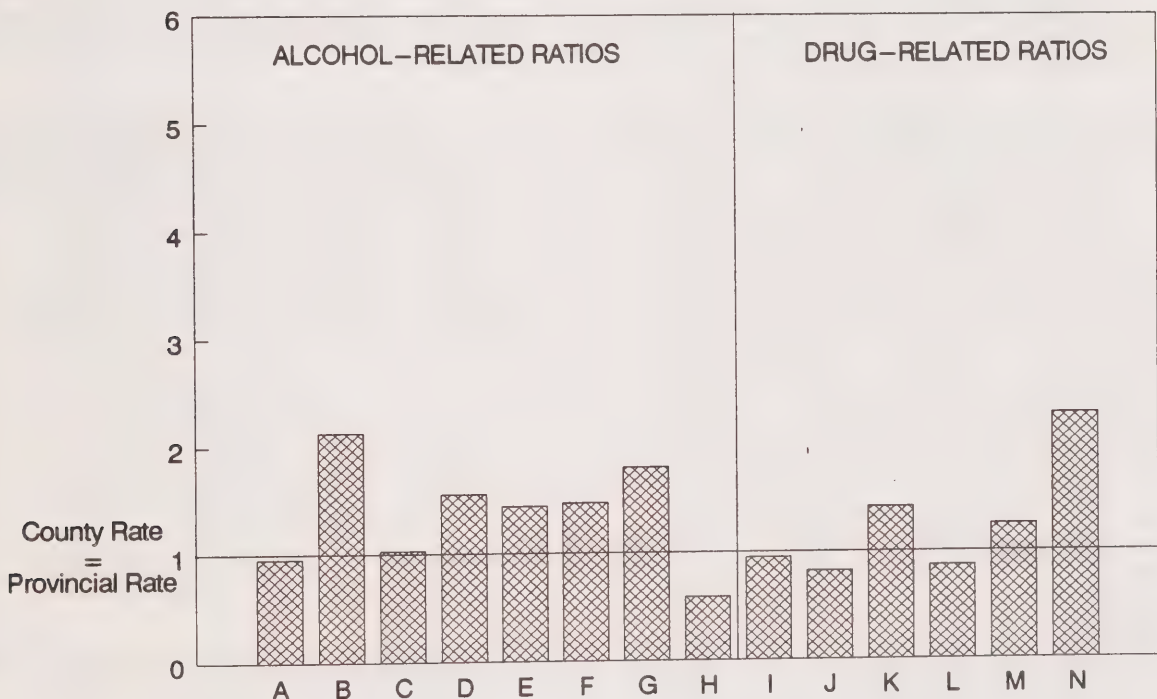
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | 0.9 | 0.9 | 2.8 |
| 1.9 | 3.8 | 4.7 | 2.8 | 5.5 |
| - | - | - | - | - |
| 1.9 | 3.8 | 5.6 | 3.7 | 8.3 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

KENT

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 16.9 | 16.9 | 16.8 | 16.0 | 16.9 | 16.3 | 16.4 |
| 10-14 | 9.0 | 8.8 | 8.7 | 8.0 | 8.4 | 7.8 | 8.0 |
| 15-19 | 9.4 | 9.0 | 8.7 | 8.3 | 8.1 | 8.1 | 8.0 |
| 20-29 | 17.8 | 18.2 | 18.5 | 18.1 | 17.6 | 17.6 | 17.3 |
| 30-39 | 14.6 | 14.9 | 15.3 | 16.0 | 16.0 | 16.5 | 17.0 |
| 40-49 | 10.7 | 10.9 | 11.0 | 11.6 | 11.9 | 12.8 | 13.2 |
| 50-59 | 10.3 | 10.1 | 9.8 | 10.1 | 9.7 | 9.8 | 9.8 |
| 60-64 | 5.0 | 5.0 | 5.0 | 5.2 | 5.0 | 5.0 | 4.9 |
| 65-74 | 7.3 | 7.3 | 7.4 | 7.9 | 7.8 | 8.2 | 8.4 |
| 75+ | 5.2 | 5.2 | 5.3 | 5.7 | 5.6 | 6.0 | 6.0 |
| Total Population | 106.0 | 106.2 | 106.4 | 106.7 | 107.3 | 108.2 | 109.0 |
| Aged 15 and Over | 80.1 | 80.5 | 80.9 | 82.7 | 82.0 | 84.1 | 84.6 |
| Aged 20 and Over | 70.7 | 71.5 | 72.2 | 74.4 | 73.9 | 76.0 | 76.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

LAMBTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 942.2 |
| | | | | 60,145 |
| | | | | 14,383 |
| | | | | 6,380 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 4,376 | 4,498 | 5,622 | 5,313 | 5,513 |
| n.a. | — | 3 | 1 | 1 |
| n.a. | 11 | 4 | 5 | 7 |
| 587 | 612 | 565 | 461 | 502 |
| 41 | 37 | 43 | 43 | 34 |
| 5,004 | 5,158 | 6,237 | 5,823 | 6,057 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 172 | 136 | 161 | 140 | 136 |
| 217 | 184 | 158 | 115 | 106 |
| 2 | 6 | 7 | 3 | 7 |
| 391 | 326 | 326 | 258 | 249 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 19 | 15 | 16 | 16 | 21 |
| 117 | 121 | 98 | 109 | 104 |
| 9 | 9 | 18 | 28 | 40 |
| 54 | 55 | 60 | 51 | 45 |
| 10 | 15 | 16 | 8 | 9 |
| 209 | 215 | 208 | 212 | 219 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 9 | 15 | 8 | 5 | 8 |
| 121 | 140 | 87 | 104 | 115 |
| 10 | 9 | 17 | 14 | 30 |
| 67 | 56 | 52 | 53 | 63 |
| 3 | 6 | 1 | 4 | 3 |
| 210 | 226 | 165 | 180 | 219 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1 | 2 | — | — |
| 17 | 23 | 16 | 11 | 5 |
| — | — | — | — | — |
| 17 | 24 | 18 | 11 | 5 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| — | — | — | — | 1 |
| 4 | 8 | 7 | 6 | 5 |
| 3 | — | — | — | 1 |
| 7 | 8 | 7 | 6 | 7 |

LAMBTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.6 |
| | | | | 61,223 |
| | | | | 14,641 |
| | | | | 6,494 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 3,484.1 | 3,586.9 | 4,472.6 | 4,190.1 | 4,273.6 |
| n.a. | — | 2.4 | 0.8 | 0.8 |
| n.a. | 8.8 | 3.2 | 3.9 | 5.4 |
| 467.4 | 488.0 | 449.5 | 363.6 | 389.1 |
| 32.6 | 29.5 | 34.2 | 33.9 | 26.4 |
| 3,984.1 | 4,113.2 | 4,961.8 | 4,592.3 | 4,695.3 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 136.9 | 108.5 | 128.1 | 110.4 | 105.4 |
| 172.8 | 146.7 | 125.7 | 90.7 | 82.2 |
| 1.6 | 4.8 | 5.6 | 2.4 | 5.4 |
| 311.3 | 260.0 | 259.3 | 203.5 | 193.0 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 15.1 | 12.0 | 12.7 | 12.6 | 16.3 |
| 93.2 | 96.5 | 78.0 | 86.0 | 80.6 |
| 7.2 | 7.2 | 14.3 | 22.1 | 31.0 |
| 43.0 | 43.9 | 47.7 | 40.2 | 34.9 |
| 8.0 | 12.0 | 12.7 | 6.3 | 7.0 |
| 166.4 | 171.5 | 165.5 | 167.2 | 169.8 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 7.2 | 12.0 | 6.4 | 3.9 | 6.2 |
| 96.3 | 111.6 | 69.2 | 82.0 | 89.1 |
| 8.0 | 7.2 | 13.5 | 11.0 | 23.3 |
| 53.3 | 44.7 | 41.4 | 41.8 | 48.8 |
| 2.4 | 4.8 | 0.8 | 3.2 | 2.3 |
| 167.2 | 180.2 | 131.3 | 142.0 | 169.8 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.8 | 1.6 | — | — |
| 13.5 | 18.3 | 12.7 | 8.7 | 3.9 |
| — | — | — | — | — |
| 13.5 | 19.1 | 14.3 | 8.7 | 3.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | 0.8 |
| 3.2 | 6.4 | 5.6 | 4.7 | 3.9 |
| 2.4 | — | — | — | 0.8 |
| 5.6 | 6.4 | 5.6 | 4.7 | 5.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

LAMBTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | 1 |
| - | 1 | 2 | - | 2 |
| 14 | 14 | 17 | 9 | 12 |
| 14 | 15 | 19 | 9 | 15 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 238 | 273 | 251 | 137 | 81 |
| - | - | 1 | 81 | - |
| 12 | 6 | 4 | 10 | 5 |
| 69 | 36 | 18 | 69 | 68 |
| 1 | 2 | - | - | 3 |
| 8 | 18 | 2 | 8 | 4 |
| 329 | 334 | 277 | 305 | 161 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 4 | 5 | 8 |
| 9 | 19 | 17 | 22 | 8 |
| 1 | 5 | 5 | 3 | 9 |
| 37 | 24 | 33 | 42 | 36 |
| 21 | 16 | 8 | 7 | 7 |
| 15 | 24 | 35 | 27 | 35 |
| 84 | 89 | 102 | 106 | 103 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 5 | 3 | - | 4 | 4 |
| 14 | 23 | 9 | 18 | 11 |
| 5 | 8 | 8 | 9 | 22 |
| 9 | 7 | 12 | 15 | 23 |
| 3 | 2 | 1 | 11 | 8 |
| 13 | 4 | 13 | 9 | 28 |
| 49 | 47 | 43 | 66 | 96 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 1 | 3 |
| 1 | 4 | 5 | - | 3 |
| - | - | - | - | - |
| 1 | 4 | 5 | 1 | 6 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|---|----|---|---|
| 1 | - | - | - | - |
| 7 | 9 | 15 | 2 | 5 |
| 2 | - | 1 | 2 | 1 |
| 10 | 9 | 16 | 4 | 6 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | - | 1 | - | 3 |
| 2 | 5 | 3 | 2 | 2 |
| - | 1 | - | - | - |
| 3 | 6 | 4 | 2 | 5 |

LAMBTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 0.8 |
| — | 0.8 | 1.6 | — | 1.6 |
| 11.1 | 11.1 | 13.6 | 7.2 | 9.5 |
| 11.1 | 11.9 | 15.2 | 7.2 | 11.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 189.8 | 217.7 | 199.5 | 108.4 | 62.7 |
| — | — | 1.1 | 63.9 | — |
| 9.9 | 4.5 | 3.1 | 7.7 | 3.7 |
| 55.2 | 28.4 | 14.6 | 54.6 | 53.0 |
| 1.1 | 1.2 | — | — | 2.2 |
| 6.2 | 14.1 | 1.9 | 6.3 | 3.3 |
| 262.2 | 266.0 | 220.3 | 240.9 | 124.8 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--------------------------------------|--|----------|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.8 | 0.8 | 3.2 | 3.9 | 6.2 |
| 7.2 | 15.2 | 13.5 | 17.4 | 6.2 |
| 0.8 | 4.0 | 4.0 | 2.4 | 7.0 |
| 29.5 | 19.1 | 26.3 | 33.1 | 27.9 |
| 16.7 | 12.8 | 6.4 | 5.5 | 5.4 |
| 11.9 | 19.1 | 27.8 | 21.3 | 27.1 |
| 66.9 | 71.0 | 81.1 | 83.6 | 79.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | | | |
|------|------|------|------|------|
| 4.0 | 2.4 | — | 3.2 | 3.1 |
| 11.1 | 18.3 | 7.2 | 14.2 | 8.5 |
| 4.0 | 6.4 | 6.4 | 7.1 | 17.1 |
| 7.2 | 5.6 | 9.5 | 11.8 | 17.8 |
| 2.4 | 1.6 | 0.8 | 8.7 | 6.2 |
| 10.4 | 3.2 | 10.3 | 7.1 | 21.7 |
| 39.0 | 37.5 | 34.2 | 52.1 | 74.4 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | 0.8 | 2.3 |
| 0.8 | 3.2 | 4.0 | — | 2.3 |
| — | — | — | — | — |
| 0.8 | 3.2 | 4.0 | 0.8 | 4.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | | | |
|-----|-----|------|-----|-----|
| 0.8 | — | — | — | — |
| 5.6 | 7.2 | 11.9 | 1.6 | 3.9 |
| 1.6 | — | 0.8 | 1.6 | 0.8 |
| 8.0 | 7.2 | 12.7 | 3.2 | 4.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

| | |
|--|--|
| <u>From Drugs, Medicaments & Biologicals</u> | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

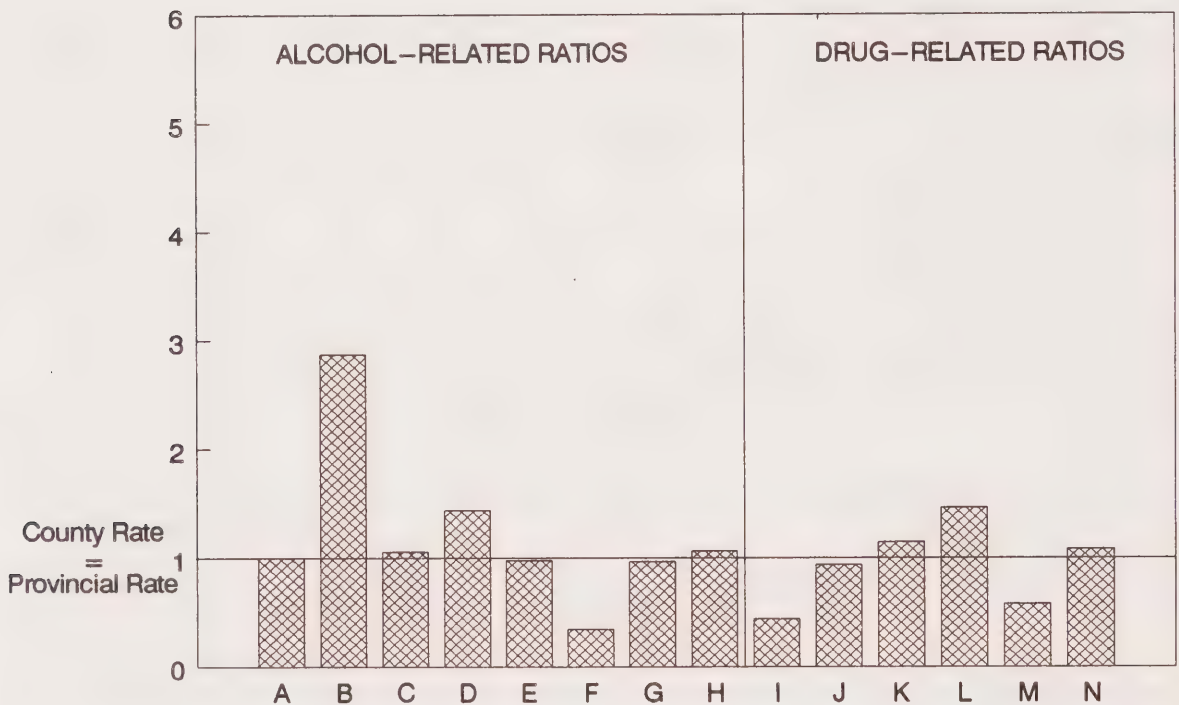
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.8 | — | 0.8 | — | 2.4 |
| 1.6 | 4.0 | 2.4 | 1.6 | 1.6 |
| — | 0.8 | — | — | — |
| 2.4 | 4.8 | 3.2 | 1.6 | 3.9 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

LAMBTON

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0-9 | 18.7 | 18.7 | 18.4 | 19.2 | 18.8 | 19.8 | 19.1 |
| 10-14 | 9.6 | 9.4 | 9.4 | 9.5 | 9.1 | 9.6 | 9.1 |
| 15-19 | 10.6 | 10.0 | 9.5 | 9.7 | 9.9 | 9.6 | 9.2 |
| 20-29 | 24.0 | 23.9 | 23.5 | 20.5 | 19.8 | 20.6 | 19.1 |
| 30-39 | 18.4 | 19.0 | 19.5 | 20.1 | 20.4 | 20.2 | 21.3 |
| 40-49 | 13.2 | 13.3 | 13.5 | 14.0 | 14.9 | 14.2 | 16.9 |
| 50-59 | 13.2 | 13.0 | 12.7 | 12.6 | 12.5 | 12.5 | 12.4 |
| 60-64 | 5.7 | 6.0 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 |
| 65-74 | 7.8 | 7.9 | 8.2 | 8.5 | 8.8 | 8.7 | 9.7 |
| 75+ | 4.4 | 4.6 | 4.7 | 5.1 | 5.4 | 5.3 | 6.0 |
| Total Population | 126.0 | 125.9 | 125.6 | 125.4 | 125.7 | 126.8 | 129.0 |
| Aged 15 and Over | 97.7 | 97.8 | 97.8 | 96.7 | 97.8 | 97.4 | 100.8 |
| Aged 20 and Over | 87.1 | 87.8 | 88.3 | 87.0 | 87.9 | 87.8 | 91.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

LANARK

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 432.1 |
| | 24,300 |
| | 6,780 |
| | 3,057 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 800 | 791 | 1,099 | 889 | 724 |
| n.a. | 1 | - | - | - |
| n.a. | 1 | 8 | 2 | 1 |
| 273 | 237 | 255 | 317 | 323 |
| 17 | 18 | 16 | 21 | 10 |
| 1,090 | 1,048 | 1,378 | 1,229 | 1,058 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 77 | 65 | 62 | 45 | 43 |
| 67 | 65 | 74 | 60 | 53 |
| 1 | 5 | 1 | 4 | 8 |
| 145 | 135 | 137 | 109 | 104 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 7 | 12 | 12 | 12 |
| 55 | 60 | 50 | 59 | 42 |
| 6 | 6 | 13 | 11 | 12 |
| 14 | 21 | 16 | 19 | 17 |
| 5 | 3 | 3 | 2 | 5 |
| 86 | 97 | 94 | 103 | 88 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 2 | 9 | 6 | 10 | 8 |
| 72 | 65 | 72 | 74 | 57 |
| 8 | 7 | 15 | 9 | 15 |
| 28 | 21 | 22 | 27 | 30 |
| - | 1 | - | 1 | 1 |
| 110 | 103 | 115 | 121 | 111 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | 1 | - |
| 4 | 8 | 16 | 10 | 11 |
| - | - | - | - | - |
| 4 | 9 | 16 | 11 | 11 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 1 | - |
| 6 | 3 | 3 | 3 | 2 |
| - | - | - | - | - |
| 6 | 3 | 3 | 4 | 2 |

LANARK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 10.4 |
| | | | | 58,625 |
| | | | | 16,357 |
| | | | | 7,375 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,632.7 | 1,594.8 | 2,171.9 | 1,716.2 | 1,371.2 |
| n.a. | 2.0 | - | - | - |
| n.a. | 2.0 | 15.8 | 3.9 | 1.9 |
| 557.1 | 477.8 | 504.0 | 612.0 | 611.7 |
| 34.7 | 36.3 | 31.6 | 40.5 | 18.9 |
| 2,224.5 | 2,112.9 | 2,723.3 | 2,372.6 | 2,003.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 157.1 | 131.0 | 122.5 | 86.9 | 81.4 |
| 136.7 | 131.0 | 146.2 | 115.8 | 100.4 |
| 2.0 | 10.1 | 2.0 | 7.7 | 15.2 |
| 295.9 | 272.2 | 270.8 | 210.4 | 197.0 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 12.2 | 14.1 | 23.7 | 23.2 | 22.7 |
| 112.2 | 121.0 | 98.8 | 113.9 | 79.5 |
| 12.2 | 12.1 | 25.7 | 21.2 | 22.7 |
| 28.6 | 42.3 | 31.6 | 36.7 | 32.2 |
| 10.2 | 6.0 | 5.9 | 3.9 | 9.5 |
| 175.5 | 195.6 | 185.8 | 198.8 | 166.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.1 | 18.1 | 11.9 | 19.3 | 15.2 |
| 146.9 | 131.0 | 142.3 | 142.9 | 108.0 |
| 16.3 | 14.1 | 29.6 | 17.4 | 28.4 |
| 57.1 | 42.3 | 43.5 | 52.1 | 56.8 |
| - | 2.0 | - | 1.9 | 1.9 |
| 224.5 | 207.7 | 227.3 | 233.6 | 210.2 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 2.0 | - | 1.9 | - |
| 8.2 | 16.1 | 31.6 | 19.3 | 20.8 |
| - | - | - | - | - |
| 8.2 | 18.1 | 31.6 | 21.2 | 20.8 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 1.9 | - |
| 12.2 | 6.0 | 5.9 | 5.8 | 3.8 |
| - | - | - | - | - |
| 12.2 | 6.0 | 5.9 | 7.7 | 3.8 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

LANARK

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 1 | — |
| 1 | — | 2 | — | 1 |
| 4 | 2 | 4 | 6 | 6 |
| 6 | 2 | 6 | 7 | 7 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 29 | 43 | 53 | 26 | 60 |
| — | — | — | — | — |
| 1 | 1 | 1 | 2 | 31 |
| 14 | 12 | 37 | 31 | 13 |
| — | — | — | — | — |
| 1 | 5 | 6 | 5 | 4 |
| 45 | 61 | 97 | 65 | 108 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 3 | 1 | 1 | 1 |
| 1 | 7 | 5 | 6 | 2 |
| 2 | 2 | 4 | 4 | 3 |
| 17 | 16 | 26 | 26 | 17 |
| 5 | 2 | 8 | 6 | 1 |
| 19 | 24 | 23 | 17 | 23 |
| 45 | 54 | 67 | 60 | 47 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 1 | 2 | 3 | 2 | 2 |
| 4 | 6 | 4 | 10 | 3 |
| 2 | 11 | 7 | 13 | 8 |
| 10 | 9 | 8 | 12 | 4 |
| 3 | 4 | 1 | 3 | — |
| 6 | 8 | 13 | 7 | 8 |
| 26 | 40 | 36 | 47 | 25 |

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 1 | — | — |
| — | 1 | 2 | — | 1 |
| — | 1 | — | — | — |
| 2 | 3 | 3 | — | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| — | 1 | 1 | — | 1 |
| 3 | 1 | 6 | — | 5 |
| — | — | — | 2 | — |
| 3 | 2 | 7 | 2 | 6 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | — | 1 | — | — |
| 1 | — | 2 | 1 | 2 |
| — | 1 | — | — | — |
| 3 | 1 | 3 | 1 | 2 |

LANARK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.1 | — | — | 2.0 | — |
| 2.1 | — | 4.0 | — | 1.9 |
| 8.3 | 4.1 | 8.1 | 11.9 | 11.6 |
| 12.4 | 4.1 | 12.1 | 13.8 | 13.5 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 58.3 | 86.0 | 104.6 | 50.7 | 114.3 |
| — | — | — | — | — |
| 2.8 | 2.9 | 2.6 | 4.7 | 58.9 |
| 28.3 | 23.9 | 72.6 | 60.7 | 24.3 |
| — | — | — | — | — |
| 2.6 | 10.2 | 12.0 | 10.2 | 8.0 |
| 92.0 | 123.0 | 191.8 | 126.4 | 205.5 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.0 | 6.0 | 2.0 | 1.9 | 1.9 |
| 2.0 | 14.1 | 9.9 | 11.6 | 3.8 |
| 4.1 | 4.0 | 7.9 | 7.7 | 5.7 |
| 34.7 | 32.3 | 51.4 | 50.2 | 32.2 |
| 10.2 | 4.0 | 15.8 | 11.6 | 1.9 |
| 38.8 | 48.4 | 45.5 | 32.8 | 43.6 |
| 91.8 | 108.9 | 132.4 | 115.8 | 89.0 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| | | | | |
|------|------|------|------|------|
| 2.0 | 4.0 | 5.9 | 3.9 | 3.8 |
| 8.2 | 12.1 | 7.9 | 19.3 | 5.7 |
| 4.1 | 22.2 | 13.8 | 25.1 | 15.2 |
| 20.4 | 18.1 | 15.8 | 23.2 | 7.6 |
| 6.1 | 8.1 | 2.0 | 5.8 | — |
| 12.2 | 16.1 | 25.7 | 13.5 | 15.2 |
| 53.1 | 80.6 | 71.1 | 90.7 | 47.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|-----------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.1 | 2.0 | 2.0 | — | — |
| — | 2.0 | 4.0 | — | 1.9 |
| — | 2.0 | — | — | — |
| 4.1 | 6.0 | 5.9 | — | 1.9 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| | | | | |
|-----|-----|------|-----|------|
| — | 2.0 | 2.0 | — | 1.9 |
| 6.1 | 2.0 | 11.9 | — | 9.5 |
| — | — | — | 3.9 | — |
| 6.1 | 4.0 | 13.8 | 3.9 | 11.4 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

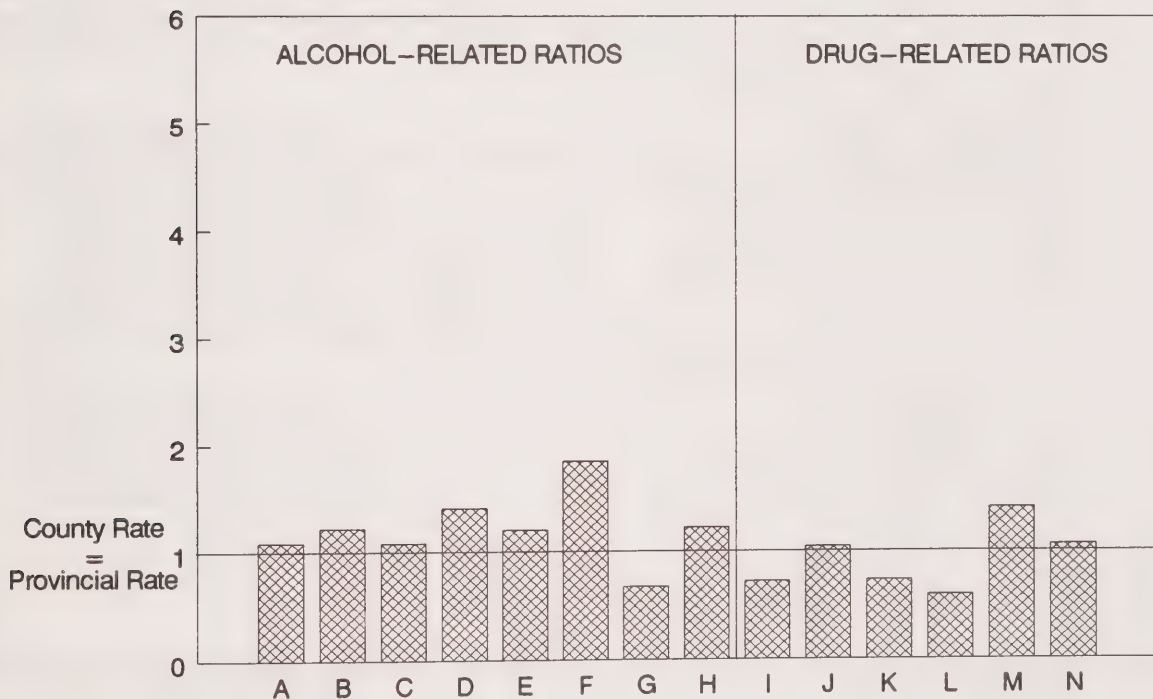
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4.1 | — | 2.0 | — | — |
| 2.1 | — | 4.0 | 2.0 | 3.9 |
| — | 2.0 | — | — | — |
| 6.2 | 2.0 | 6.0 | 2.0 | 3.9 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

LANARK

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 6.6 | 6.9 | 6.9 | 7.0 | 7.2 | 7.5 | 7.9 |
| 10-14 | 3.5 | 3.5 | 3.5 | 3.3 | 3.3 | 3.4 | 3.4 |
| 15-19 | 3.8 | 3.5 | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 |
| 20-29 | 7.2 | 7.1 | 7.0 | 7.8 | 7.7 | 7.5 | 7.1 |
| 30-39 | 7.4 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.0 |
| 40-49 | 4.9 | 5.2 | 5.2 | 5.6 | 5.8 | 6.5 | 6.8 |
| 50-59 | 4.7 | 4.9 | 4.7 | 4.6 | 4.6 | 4.7 | 4.8 |
| 60-64 | 2.6 | 2.7 | 2.8 | 2.5 | 2.4 | 2.5 | 2.5 |
| 65-74 | 4.0 | 4.3 | 4.4 | 4.1 | 4.3 | 4.5 | 4.6 |
| 75+ | 2.8 | 2.9 | 2.9 | 3.0 | 3.1 | 3.1 | 3.3 |
| Total Population | 47.3 | 48.3 | 49.0 | 49.6 | 50.6 | 51.8 | 52.8 |
| Aged 15 and Over | 37.2 | 37.9 | 38.6 | 39.3 | 40.1 | 40.9 | 41.5 |
| Aged 20 and Over | 33.4 | 34.4 | 35.2 | 35.9 | 36.6 | 37.4 | 38.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LEEDS and GRENVILLE

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 679.8 |
| | | | | 43,590 |
| | | | | 10,424 |
| | | | | 4,624 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,352 | 1,315 | 1,501 | 1,390 | 1,394 |
| n.a. | 1 | 2 | - | 1 |
| n.a. | 7 | 4 | 4 | 3 |
| 582 | 449 | 487 | 411 | 486 |
| 9 | 19 | 27 | 25 | 32 |
| 1,943 | 1,791 | 2,021 | 1,830 | 1,916 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 125 | 107 | 95 | 107 | 89 |
| 144 | 107 | 102 | 86 | 99 |
| 9 | 10 | 7 | 5 | 4 |
| 278 | 224 | 204 | 198 | 192 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11 | 11 | 10 | 12 | 9 |
| 48 | 48 | 41 | 43 | 34 |
| 10 | 7 | 6 | 9 | 10 |
| 23 | 23 | 23 | 24 | 20 |
| 6 | 6 | 8 | 9 | 2 |
| 98 | 95 | 88 | 97 | 75 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| | | | | |
|-----|-----|-----|-----|-----|
| 10 | 10 | 7 | 13 | 9 |
| 130 | 145 | 122 | 105 | 96 |
| 21 | 26 | 22 | 25 | 28 |
| 68 | 49 | 38 | 42 | 35 |
| 1 | 1 | 1 | 4 | 2 |
| 230 | 231 | 190 | 189 | 170 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 5 | 7 | 3 | 5 |
| 81 | 56 | 86 | 67 | 41 |
| - | 2 | 6 | 3 | 2 |
| 83 | 63 | 99 | 73 | 48 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| | | | | |
|----|----|----|----|----|
| 4 | 5 | 5 | - | 3 |
| 31 | 16 | 22 | 36 | 24 |
| 2 | 5 | 6 | - | - |
| 37 | 26 | 33 | 36 | 27 |

LEEDS and GRENVILLE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.5 |
| | | | | 61,222 |
| | | | | 14,640 |
| | | | | 6,494 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,613.4 | 1,554.4 | 1,753.5 | 1,606.9 | 1,587.7 |
| n.a. | 1.2 | 2.3 | - | 1.1 |
| n.a. | 8.3 | 4.7 | 4.6 | 3.4 |
| 694.5 | 530.7 | 568.9 | 475.1 | 553.5 |
| 10.7 | 22.5 | 31.5 | 28.9 | 36.4 |
| 2,318.6 | 2,117.0 | 2,361.0 | 2,115.6 | 2,182.2 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 149.2 | 126.5 | 111.0 | 123.7 | 101.4 |
| 171.8 | 126.5 | 119.2 | 99.4 | 112.8 |
| 10.7 | 11.8 | 8.2 | 5.8 | 4.6 |
| 331.7 | 264.8 | 238.3 | 228.9 | 218.7 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.1 | 13.0 | 11.7 | 13.9 | 10.3 |
| 57.3 | 56.7 | 47.9 | 49.7 | 38.7 |
| 11.9 | 8.3 | 7.0 | 10.4 | 11.4 |
| 27.4 | 27.2 | 26.9 | 27.7 | 22.8 |
| 7.2 | 7.1 | 9.3 | 10.4 | 2.3 |
| 116.9 | 112.3 | 102.8 | 112.1 | 85.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 11.9 | 11.8 | 8.2 | 15.0 | 10.3 |
| 155.1 | 171.4 | 142.5 | 121.4 | 109.3 |
| 25.1 | 30.7 | 25.7 | 28.9 | 31.9 |
| 81.1 | 57.9 | 44.4 | 48.6 | 39.9 |
| 1.2 | 1.2 | 1.2 | 4.6 | 2.3 |
| 274.5 | 273.0 | 222.0 | 218.5 | 193.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.4 | 5.9 | 8.2 | 3.5 | 5.7 |
| 96.7 | 66.2 | 100.5 | 77.5 | 46.7 |
| - | 2.4 | 7.0 | 3.5 | 2.3 |
| 99.0 | 74.5 | 115.7 | 84.4 | 54.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|------|------|------|------|------|
| 4.8 | 5.9 | 5.8 | - | 3.4 |
| 37.0 | 18.9 | 25.7 | 41.6 | 27.3 |
| 2.4 | 5.9 | 7.0 | - | - |
| 44.2 | 30.7 | 38.6 | 41.6 | 30.8 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

LEEDS and GRENVILLE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 1 | 3 | 3 | 3 | 2 |
| 14 | 14 | 7 | 4 | 4 |
| 15 | 17 | 10 | 7 | 6 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 75 | 62 | 49 | 45 | 164 |
| - | - | - | - | 1 |
| 1 | - | 5 | 4 | 60 |
| - | 6 | - | 3 | 34 |
| - | - | - | - | - |
| 1 | 3 | - | 1 | 4 |
| 77 | 71 | 54 | 54 | 264 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 2 | 1 | 3 | 3 |
| 4 | 1 | 3 | 4 | 2 |
| 1 | 1 | 1 | 3 | 2 |
| 20 | 24 | 31 | 12 | 32 |
| 3 | 11 | 6 | 8 | 3 |
| 22 | 31 | 35 | 35 | 32 |
| 51 | 70 | 77 | 65 | 74 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 3 | 4 | 4 | 2 |
| 3 | 13 | 7 | 7 | 6 |
| 17 | 12 | 7 | 4 | 2 |
| 14 | 23 | 4 | 10 | 10 |
| 4 | 4 | 3 | 3 | - |
| 13 | 17 | 13 | 8 | 9 |
| 53 | 72 | 38 | 36 | 29 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 3 | 4 | 4 | - |
| 11 | 7 | 5 | 8 | 12 |
| 1 | 2 | 2 | - | - |
| 15 | 12 | 11 | 12 | 12 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| - | 1 | 3 | 1 | 1 |
| 15 | 17 | 6 | 18 | 22 |
| - | 2 | 3 | 10 | 3 |
| 15 | 20 | 12 | 29 | 26 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | 1 | - | - |
| 1 | 1 | - | 1 | 3 |
| - | - | - | - | - |
| 1 | 2 | 1 | 1 | 3 |

LEEDS and GRENVILLE

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1.2 | 3.6 | 3.5 | 3.5 | 2.3 |
| 16.9 | 16.7 | 8.3 | 4.7 | 4.6 |
| 18.1 | 20.3 | 11.8 | 8.2 | 6.9 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 88.9 | 73.5 | 57.4 | 52.5 | 187.0 |
| — | — | — | — | 1.4 |
| 1.6 | — | 6.1 | 4.3 | 68.1 |
| — | 7.0 | — | 3.6 | 38.9 |
| — | — | — | — | — |
| 1.5 | 3.0 | — | 1.5 | 4.8 |
| 92.1 | 83.5 | 63.5 | 61.9 | 300.2 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| 1.2 | 2.4 | 1.2 | 3.5 | 3.4 |
| 4.8 | 1.2 | 3.5 | 4.6 | 2.3 |
| 1.2 | 1.2 | 1.2 | 3.5 | 2.3 |
| 23.9 | 28.4 | 36.2 | 13.9 | 36.4 |
| 3.6 | 13.0 | 7.0 | 9.2 | 3.4 |
| 26.3 | 36.6 | 40.9 | 40.5 | 36.4 |
| 60.9 | 82.7 | 90.0 | 75.1 | 84.3 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| | | | | |
|------|------|------|------|------|
| 2.4 | 3.5 | 4.7 | 4.6 | 2.3 |
| 3.6 | 15.4 | 8.2 | 8.1 | 6.8 |
| 20.3 | 14.2 | 8.2 | 4.6 | 2.3 |
| 16.7 | 27.2 | 4.7 | 11.6 | 11.4 |
| 4.8 | 4.7 | 3.5 | 3.5 | — |
| 15.5 | 20.1 | 15.2 | 9.2 | 10.3 |
| 63.2 | 85.1 | 44.4 | 41.6 | 33.0 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|-----------|---------------------------------|----------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| 3.6 | 3.5 | 4.7 | 4.6 | — |
| 13.1 | 8.3 | 5.8 | 9.2 | 13.7 |
| 1.2 | 2.4 | 2.3 | — | — |
| 17.9 | 14.2 | 12.9 | 13.9 | 13.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| | | | | |
|------|------|------|------|------|
| — | 1.2 | 3.5 | 1.2 | 1.1 |
| 17.9 | 20.1 | 7.0 | 20.8 | 25.1 |
| — | 2.4 | 3.5 | 11.6 | 3.4 |
| 17.9 | 23.6 | 14.0 | 33.5 | 29.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

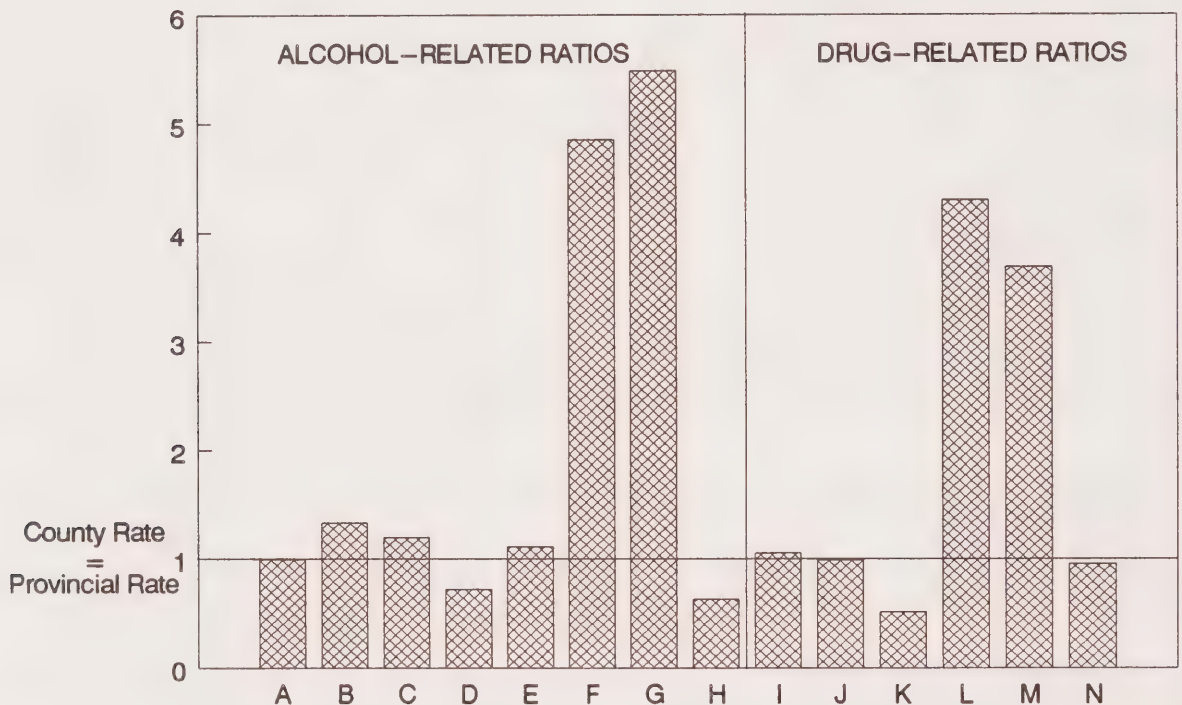
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.2 | 1.2 | — | — |
| 1.2 | 1.2 | — | 1.2 | 3.5 |
| — | — | — | — | — |
| 1.2 | 2.4 | 1.2 | 1.2 | 3.5 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

LEEDS and GRENVILLE

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 10.3 | 10.6 | 10.8 | 10.9 | 11.2 | 11.1 | 11.2 |
| 10-14 | 6.1 | 6.1 | 6.0 | 5.8 | 5.9 | 5.7 | 5.6 |
| 15-19 | 7.2 | 6.7 | 6.4 | 6.6 | 6.4 | 6.3 | 6.2 |
| 20-29 | 11.8 | 11.2 | 10.8 | 12.8 | 12.8 | 12.6 | 12.5 |
| 30-39 | 12.2 | 12.7 | 13.3 | 13.0 | 13.0 | 13.2 | 13.5 |
| 40-49 | 8.9 | 9.3 | 9.3 | 10.0 | 10.6 | 11.4 | 12.0 |
| 50-59 | 8.9 | 9.3 | 9.4 | 8.8 | 8.8 | 8.8 | 8.9 |
| 60-64 | 4.3 | 4.7 | 4.7 | 4.4 | 4.4 | 4.4 | 4.4 |
| 65-74 | 7.2 | 7.5 | 8.0 | 7.3 | 7.5 | 7.8 | 8.0 |
| 75+ | 4.6 | 4.8 | 5.1 | 4.8 | 5.0 | 5.3 | 5.5 |
| Total Population | 81.7 | 82.9 | 83.8 | 84.6 | 85.6 | 86.5 | 87.8 |
| Aged 15 and Over | 65.3 | 66.2 | 67.0 | 67.9 | 68.5 | 69.7 | 71.0 |
| Aged 20 and Over | 58.1 | 59.5 | 60.6 | 61.3 | 62.1 | 63.4 | 64.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LENNOX and ADDINGTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 253.6 |
| | | | | 18,150 |
| | | | | 3,794 |
| | | | | 1,667 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 660 | 641 | 795 | 716 | 742 |
| n.a. | - | - | - | - |
| n.a. | 4 | 4 | - | 1 |
| 213 | 196 | 182 | 197 | 192 |
| 4 | 18 | 5 | 9 | 10 |
| 877 | 859 | 986 | 922 | 945 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 41 | 34 | 41 | 40 | 35 |
| 45 | 44 | 49 | 43 | 38 |
| 2 | - | 3 | 3 | 2 |
| 88 | 78 | 93 | 86 | 75 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 4 | 5 | 3 | 6 |
| 17 | 32 | 19 | 15 | 14 |
| 9 | 5 | 4 | 3 | 3 |
| 10 | 6 | 11 | 11 | 12 |
| 1 | - | - | 1 | 1 |
| 42 | 47 | 39 | 33 | 36 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 4 | 5 | 9 | 3 | 4 |
| 43 | 54 | 31 | 32 | 38 |
| 5 | 16 | 15 | 10 | 9 |
| 17 | 21 | 18 | 17 | 34 |
| - | - | - | - | - |
| 69 | 96 | 73 | 62 | 85 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | - | - | 1 |
| 8 | 7 | 9 | 4 | 5 |
| - | - | - | - | - |
| 9 | 8 | 9 | 4 | 6 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 4 | 1 | 2 | 4 | 3 |
| - | 1 | - | - | 1 |
| 4 | 2 | 2 | 4 | 4 |

LENNOX and ADDINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.8 |
| | | | | 63,307 |
| | | | | 13,233 |
| | | | | 5,814 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,935.5 | 1,868.8 | 2,291.1 | 2,022.6 | 2,055.4 |
| n.a. | - | - | - | - |
| n.a. | 11.7 | 11.5 | - | 2.8 |
| 624.6 | 571.4 | 524.5 | 556.5 | 531.9 |
| 11.7 | 52.5 | 14.4 | 25.4 | 27.7 |
| 2,571.8 | 2,504.4 | 2,841.5 | 2,604.5 | 2,617.7 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 120.2 | 99.1 | 118.2 | 113.0 | 97.0 |
| 132.0 | 128.3 | 141.2 | 121.5 | 105.3 |
| 5.9 | - | 8.6 | 8.5 | 5.5 |
| 258.1 | 227.4 | 268.0 | 242.9 | 207.8 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.7 | 11.7 | 14.4 | 8.5 | 16.6 |
| 49.9 | 93.3 | 54.8 | 42.4 | 38.8 |
| 26.4 | 14.6 | 11.5 | 8.5 | 8.3 |
| 29.3 | 17.5 | 31.7 | 31.1 | 33.2 |
| 2.9 | - | - | 2.8 | 2.8 |
| 123.2 | 137.0 | 112.4 | 93.2 | 99.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11.7 | 14.6 | 25.9 | 8.5 | 11.1 |
| 126.1 | 157.4 | 89.3 | 90.4 | 105.3 |
| 14.7 | 46.6 | 43.2 | 28.2 | 24.9 |
| 49.9 | 61.2 | 51.9 | 48.0 | 94.2 |
| - | - | - | - | - |
| 202.3 | 279.9 | 210.4 | 175.1 | 235.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.9 | 2.9 | - | - | 2.8 |
| 23.5 | 20.4 | 25.9 | 11.3 | 13.9 |
| - | - | - | - | - |
| 26.4 | 23.3 | 25.9 | 11.3 | 16.6 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 11.7 | 2.9 | 5.8 | 11.3 | 8.3 |
| - | 2.9 | - | - | 2.8 |
| 11.7 | 5.8 | 5.8 | 11.3 | 11.1 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

LENNOX and ADDINGTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | 1 | - |
| - | 1 | - | - | - |
| - | 2 | 2 | 1 | 1 |
| - | 3 | 2 | 2 | 1 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 48 | 29 | 38 | 39 | 52 |
| - | - | - | - | - |
| 1 | 1 | 1 | 2 | - |
| 35 | - | 245 | 6 | 4 |
| - | - | - | 2 | - |
| - | 3 | 1 | 1 | 3 |
| 84 | 33 | 285 | 52 | 59 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 4 | 2 | 2 |
| 2 | 3 | 8 | 1 | 3 |
| 3 | 2 | 3 | 2 | 3 |
| 7 | 7 | 8 | 9 | 7 |
| 3 | 3 | 3 | 2 | - |
| 10 | 7 | 11 | 8 | 11 |
| 26 | 22 | 37 | 24 | 26 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 1 | 1 | - | 1 | 1 |
| 2 | 4 | 5 | 4 | 3 |
| 12 | 7 | 4 | 7 | 11 |
| 23 | 10 | 12 | 10 | 4 |
| 5 | - | 1 | 3 | 1 |
| 8 | 10 | 7 | 9 | 4 |
| 51 | 32 | 29 | 34 | 24 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 3 | - | - |
| - | - | - | - | 4 |
| - | - | - | - | - |
| - | - | 3 | - | 4 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | 1 | - | 1 |
| 5 | 6 | 3 | 2 | 4 |
| - | - | - | - | - |
| 5 | 6 | 4 | 2 | 5 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | 1 |
| 2 | 1 | - | - | - |
| - | - | - | - | - |
| 2 | 1 | - | - | 1 |

LENNOX and ADDINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 2.9 | — |
| — | 2.9 | — | — | — |
| — | 5.9 | 5.8 | 2.9 | 2.8 |
| — | 8.8 | 5.8 | 5.8 | 2.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 142.0 | 85.3 | 109.0 | 111.4 | 143.8 |
| — | — | — | — | — |
| 4.0 | 4.1 | 3.8 | 6.9 | — |
| 101.7 | — | 705.3 | 17.8 | 11.8 |
| — | — | — | 5.8 | — |
| — | 7.4 | 3.5 | 3.7 | 7.8 |
| 247.7 | 96.8 | 821.5 | 145.6 | 163.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.9 | — | 11.5 | 5.6 | 5.5 |
| 5.9 | 8.7 | 23.1 | 2.8 | 8.3 |
| 8.8 | 5.8 | 8.6 | 5.6 | 8.3 |
| 20.5 | 20.4 | 23.1 | 25.4 | 19.4 |
| 8.8 | 8.7 | 8.6 | 5.6 | — |
| 29.3 | 20.4 | 31.7 | 22.6 | 30.5 |
| 76.2 | 64.1 | 106.6 | 67.8 | 72.0 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|-------|------|------|------|------|
| 2.9 | 2.9 | — | 2.8 | 2.8 |
| 5.9 | 11.7 | 14.4 | 11.3 | 8.3 |
| 35.2 | 20.4 | 11.5 | 19.8 | 30.5 |
| 67.4 | 29.2 | 34.6 | 28.2 | 11.1 |
| 14.7 | — | 2.9 | 8.5 | 2.8 |
| 23.5 | 29.2 | 20.2 | 25.4 | 11.1 |
| 149.6 | 93.3 | 83.6 | 96.0 | 66.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 8.6 | — | — |
| — | — | — | — | 11.1 |
| — | — | — | — | — |
| — | — | 8.6 | — | 11.1 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|------|------|------|-----|------|
| — | — | 2.9 | — | 2.8 |
| 14.7 | 17.5 | 8.6 | 5.6 | 11.1 |
| — | — | — | — | — |
| 14.7 | 17.5 | 11.5 | 5.6 | 13.9 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

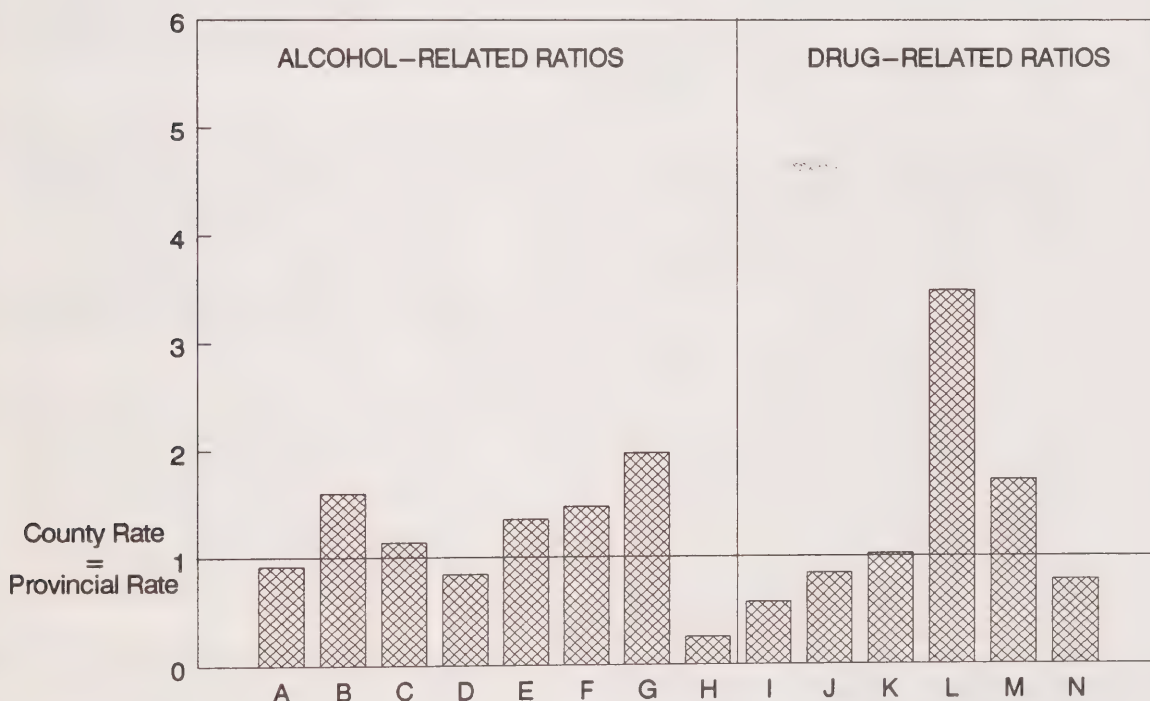
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 2.8 |
| 5.9 | 2.9 | — | — | — |
| — | — | — | — | — |
| 5.9 | 2.9 | — | — | 2.8 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

LENNOX and ADDINGTON

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 5.1 | 5.0 | 4.8 | 4.9 | 4.8 | 5.0 | 5.0 |
| 10-14 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.8 | 2.7 |
| 15-19 | 3.2 | 3.1 | 2.9 | 2.7 | 2.8 | 2.8 | 2.8 |
| 20-29 | 5.7 | 6.4 | 6.6 | 5.2 | 5.2 | 5.0 | 4.7 |
| 30-39 | 5.5 | 5.3 | 5.3 | 5.8 | 5.8 | 5.9 | 6.3 |
| 40-49 | 3.5 | 3.7 | 3.9 | 4.0 | 4.4 | 4.6 | 5.1 |
| 50-59 | 3.1 | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 | 3.2 |
| 60-64 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| 65-74 | 2.1 | 2.1 | 2.1 | 2.4 | 2.6 | 2.7 | 2.8 |
| 75+ | 1.4 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 |
| Total Population | 33.6 | 34.1 | 34.1 | 34.3 | 34.7 | 35.4 | 36.1 |
| Aged 15 and Over | 25.7 | 26.3 | 26.5 | 26.7 | 27.2 | 27.6 | 28.4 |
| Aged 20 and Over | 22.5 | 23.2 | 23.6 | 24.0 | 24.4 | 24.8 | 25.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

MANITOULIN

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 117.6 |
| | | | | 3,757 |
| | | | | 1,915 |
| | | | | 965 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 388 | 678 | 601 | 533 | 581 |
| n.a. | - | 3 | - | 1 |
| n.a. | 1 | 2 | 6 | 3 |
| 168 | 157 | 146 | 138 | 153 |
| 1 | 4 | 6 | 3 | 9 |
| 557 | 840 | 758 | 680 | 747 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 38 | 18 | 21 | 14 | 20 |
| 36 | 21 | 23 | 26 | 19 |
| 1 | 2 | 4 | 4 | 5 |
| 75 | 41 | 48 | 44 | 44 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 6 | 4 | 5 | 7 |
| 19 | 22 | 39 | 37 | 35 |
| 7 | 9 | 12 | 11 | 5 |
| 4 | 11 | 4 | 8 | 6 |
| 3 | 2 | 2 | 8 | 3 |
| 42 | 50 | 61 | 69 | 56 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 5 | 4 | 6 | 2 | 6 |
| 27 | 30 | 44 | 58 | 63 |
| 10 | 15 | 15 | 12 | 13 |
| 17 | 15 | 16 | 12 | 12 |
| 2 | 5 | 2 | 1 | 1 |
| 61 | 69 | 83 | 85 | 95 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | 1 | - | - |
| - | - | - | - | 1 |
| - | - | 1 | - | 1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | 1 | 1 | - |
| - | 1 | - | - | - |
| - | 1 | 1 | 1 | - |

MANITOULIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 14.6 |
| | | | | 46,613 |
| | | | | 23,759 |
| | | | | 11,973 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 3,626.2 | 6,582.5 | 5,778.8 | 5,076.2 | 5,281.8 |
| n.a. | — | 28.8 | — | 9.1 |
| n.a. | 9.7 | 19.2 | 57.1 | 27.3 |
| 1,570.1 | 1,524.3 | 1,403.8 | 1,314.3 | 1,390.9 |
| 9.3 | 38.8 | 57.7 | 28.6 | 81.8 |
| 5,205.6 | 8,155.3 | 7,288.5 | 6,476.2 | 6,790.9 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 355.1 | 174.8 | 201.9 | 133.3 | 181.8 |
| 336.4 | 203.9 | 221.2 | 247.6 | 172.7 |
| 9.3 | 19.4 | 38.5 | 38.1 | 45.5 |
| 700.9 | 398.1 | 461.5 | 419.0 | 400.0 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 84.1 | 58.3 | 38.5 | 47.6 | 63.6 |
| 177.6 | 213.6 | 375.0 | 352.4 | 318.2 |
| 65.4 | 87.4 | 115.4 | 104.8 | 45.5 |
| 37.4 | 106.8 | 38.5 | 76.2 | 54.5 |
| 28.0 | 19.4 | 19.2 | 76.2 | 27.3 |
| 392.5 | 485.4 | 586.5 | 657.1 | 509.1 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 46.7 | 38.8 | 57.7 | 19.0 | 54.5 |
| 252.3 | 291.3 | 423.1 | 552.4 | 572.7 |
| 93.5 | 145.6 | 144.2 | 114.3 | 118.2 |
| 158.9 | 145.6 | 153.8 | 114.3 | 109.1 |
| 18.7 | 48.5 | 19.2 | 9.5 | 9.1 |
| 570.1 | 669.9 | 798.1 | 809.5 | 863.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | 9.6 | — | — |
| — | — | — | — | 9.1 |
| — | — | 9.6 | — | 9.1 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | 9.6 | 9.5 | — |
| — | 9.7 | — | — | — |
| — | 9.7 | 9.6 | 9.5 | — |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

MANITOULIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | - | - | - | - |
| 1 | - | 2 | 1 | 1 |
| 1 | - | 2 | 1 | 1 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 9 | 26 | 25 | 17 | 16 |
| - | - | - | - | - |
| - | - | - | - | - |
| - | 12 | 12 | 3 | 4 |
| - | - | - | - | - |
| - | - | - | - | - |
| 9 | 37 | 37 | 20 | 20 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | 2 | - |
| 1 | 1 | 1 | 1 | 3 |
| - | - | 2 | 1 | - |
| 9 | 11 | 13 | 11 | 12 |
| - | 2 | 2 | 2 | 3 |
| 5 | 6 | 7 | 4 | 6 |
| 15 | 21 | 25 | 21 | 24 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|---|----|----|----|
| - | - | - | - | - |
| 3 | 1 | 5 | 5 | 3 |
| 2 | 2 | - | 7 | 6 |
| 5 | 3 | 5 | 4 | 3 |
| 1 | - | - | - | - |
| 6 | 3 | 6 | 6 | 3 |
| 17 | 9 | 16 | 22 | 15 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | 1 | - |
| - | - | 3 | 1 | - |
| - | - | 1 | - | - |
| - | - | 5 | 2 | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | 1 | 1 | - |
| - | - | 1 | 1 | - |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | 2 | - | 1 | - |
| - | - | - | - | - |
| - | 2 | - | 1 | - |

MANITOULIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | — | — | — |
| 9.3 | — | 19.4 | 9.6 | 9.5 |
| 9.3 | — | 19.4 | 9.6 | 9.5 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 81.2 | 248.5 | 242.3 | 159.3 | 142.7 |
| — | — | — | — | — |
| — | — | — | — | — |
| — | 115.2 | 117.7 | 30.0 | 38.8 |
| — | — | — | — | — |
| — | — | — | — | — |
| 81.2 | 363.7 | 360.0 | 189.3 | 181.5 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 9.7 | — | 19.0 | — |
| 9.3 | 9.7 | 9.6 | 9.5 | 27.3 |
| — | — | 19.2 | 9.5 | — |
| 84.1 | 106.8 | 125.0 | 104.8 | 109.1 |
| — | 19.4 | 19.2 | 19.0 | 27.3 |
| 46.7 | 58.3 | 67.3 | 38.1 | 54.5 |
| 140.2 | 203.9 | 240.4 | 200.0 | 218.2 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|-------|------|-------|-------|-------|
| — | — | — | — | — |
| 28.0 | 9.7 | 48.1 | 47.6 | 27.3 |
| 18.7 | 19.4 | — | 66.7 | 54.5 |
| 46.7 | 29.1 | 48.1 | 38.1 | 27.3 |
| 9.3 | — | — | — | — |
| 56.1 | 29.1 | 57.7 | 57.1 | 27.3 |
| 158.9 | 87.4 | 153.8 | 209.5 | 136.4 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 9.6 | 9.5 | — |
| — | — | 28.8 | 9.5 | — |
| — | — | 9.6 | — | — |
| — | — | 48.1 | 19.0 | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | 9.6 | 9.5 | — |
| — | — | 9.6 | 9.5 | — |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

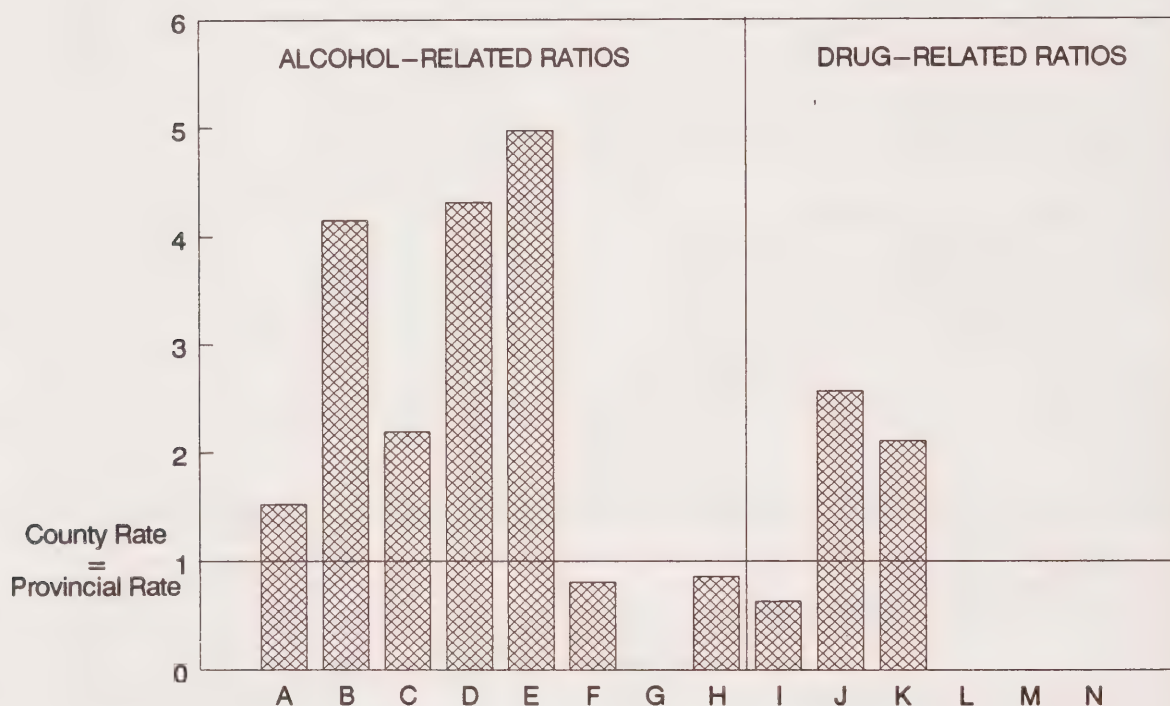
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 18.7 | — | 9.6 | — |
| — | — | — | — | — |
| — | 18.7 | — | 9.6 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

MANITOULIN

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|----------------|------|------|------|------|------|------|
| | (in thousands) | | | | | | |
| 0-9 | 1.7 | 1.7 | 1.7 | 1.6 | 1.7 | 1.8 | 1.7 |
| 10-14 | 1.0 | 1.0 | 0.9 | 0.8 | 0.9 | 0.9 | 0.8 |
| 15-19 | 1.2 | 1.1 | 1.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 20-29 | 1.9 | 2.0 | 2.2 | 1.5 | 1.5 | 1.5 | 1.5 |
| 30-39 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 |
| 40-49 | 1.0 | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.2 |
| 50-59 | 1.0 | 0.9 | 0.8 | 1.2 | 1.1 | 1.0 | 1.2 |
| 60-64 | 0.4 | 0.4 | 0.4 | 0.6 | 0.5 | 0.5 | 0.6 |
| 65-74 | 0.9 | 0.8 | 0.8 | 0.9 | 1.0 | 0.8 | 1.1 |
| 75+ | 0.5 | 0.5 | 0.5 | 0.7 | 0.7 | 0.7 | 0.8 |
| Total Population | 10.9 | 10.7 | 10.7 | 10.3 | 10.4 | 10.5 | 11.0 |
| Aged 15 and Over | 8.2 | 8.0 | 8.1 | 7.9 | 7.8 | 7.8 | 8.5 |
| Aged 20 and Over | 7.0 | 6.9 | 7.1 | 7.1 | 7.0 | 7.0 | 7.7 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

MIDDLESEX

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,672.8 |
| | | | | 170,606 |
| | | | | 40,798 |
| | | | | 18,096 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 5,913 | 5,893 | 5,944 | 5,662 | 5,729 |
| n.a. | 7 | 1 | 4 | 2 |
| n.a. | 11 | 13 | 9 | 13 |
| 1,675 | 1,753 | 1,667 | 1,568 | 1,725 |
| 24 | 115 | 125 | 99 | 128 |
| 7,612 | 7,779 | 7,750 | 7,342 | 7,597 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 384 | 300 | 266 | 316 | 374 |
| 406 | 324 | 341 | 345 | 315 |
| 14 | 18 | 15 | 15 | 10 |
| 804 | 642 | 622 | 676 | 699 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 64 | 55 | 53 | 70 | 67 |
| 113 | 130 | 144 | 138 | 144 |
| 24 | 23 | 34 | 22 | 27 |
| 129 | 110 | 131 | 165 | 101 |
| 4 | 7 | 12 | 7 | 5 |
| 334 | 325 | 374 | 402 | 344 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 30 | 29 | 33 | 38 | 26 |
| 280 | 331 | 306 | 308 | 319 |
| 31 | 35 | 43 | 76 | 82 |
| 146 | 126 | 142 | 122 | 140 |
| 6 | 2 | 4 | 2 | 6 |
| 493 | 523 | 528 | 546 | 573 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 10 | 9 | 6 | 3 |
| 167 | 145 | 151 | 134 | 120 |
| 2 | 4 | 5 | 1 | 3 |
| 171 | 159 | 165 | 141 | 126 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| - | 2 | 2 | 1 | 3 |
| 29 | 48 | 53 | 45 | 47 |
| 2 | 3 | - | 2 | 1 |
| 31 | 53 | 55 | 48 | 51 |

MIDDLESEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.6 |
| | | | | 61,222 |
| | | | | 14,640 |
| | | | | 6,494 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,794.5 | 1,767.5 | 1,757.0 | 1,642.1 | 1,625.7 |
| n.a. | 2.1 | 0.3 | 1.2 | 0.6 |
| n.a. | 3.3 | 3.8 | 2.6 | 3.7 |
| 508.3 | 525.8 | 492.8 | 454.8 | 489.5 |
| 7.3 | 34.5 | 36.9 | 28.7 | 36.3 |
| 2,310.2 | 2,333.2 | 2,290.9 | 2,129.4 | 2,155.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 116.5 | 90.0 | 78.6 | 91.6 | 106.1 |
| 123.2 | 97.2 | 100.8 | 100.1 | 89.4 |
| 4.2 | 5.4 | 4.4 | 4.4 | 2.8 |
| 244.0 | 192.6 | 183.9 | 196.1 | 198.4 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

| General Hospitals | Primary Diagnoses | | | | |
|-------------------|-------------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | Chronic Liver Disease and Cirrhosis | | | | |
| | Toxic Effects of Alcohol | | | | |
| | County | | | | |
| | Province | | | | |
| | Secondary Diagnoses | | | | |
| | Alcoholic Psychoses | | | | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 19.4 | 16.5 | 15.7 | 20.3 | 19.0 |
| 34.3 | 39.0 | 42.6 | 40.0 | 40.9 |
| 7.3 | 6.9 | 10.1 | 6.4 | 7.7 |
| 39.2 | 33.0 | 38.7 | 47.9 | 28.7 |
| 1.2 | 2.1 | 3.5 | 2.0 | 1.4 |
| 101.4 | 97.5 | 110.6 | 116.6 | 97.6 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

| General Hospitals | Secondary Diagnoses | | | | |
|-------------------|-------------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | Chronic Liver Disease and Cirrhosis | | | | |
| | Toxic Effects of Alcohol | | | | |
| | County | | | | |
| | Province | | | | |
| | Secondary Diagnoses | | | | |
| | Alcoholic Psychoses | | | | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.1 | 8.7 | 9.8 | 11.0 | 7.4 |
| 85.0 | 99.3 | 90.5 | 89.3 | 90.5 |
| 9.4 | 10.5 | 12.7 | 22.0 | 23.3 |
| 44.3 | 37.8 | 42.0 | 35.4 | 39.7 |
| 1.8 | 0.6 | 1.2 | 0.6 | 1.7 |
| 149.6 | 156.9 | 156.1 | 158.4 | 162.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

| Mental Hospitals | Primary Diagnoses | | | | |
|------------------|-------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | County | | | | |
| | Province | | | | |
| | Secondary Diagnoses | | | | |
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.6 | 3.0 | 2.7 | 1.7 | 0.9 |
| 50.7 | 43.5 | 44.6 | 38.9 | 34.1 |
| 0.6 | 1.2 | 1.5 | 0.3 | 0.9 |
| 51.9 | 47.7 | 48.8 | 40.9 | 35.8 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

| Mental Hospitals | Secondary Diagnoses | | | | |
|------------------|-------------------------------|--|--|--|--|
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |
| | County | | | | |
| | Province | | | | |
| | Secondary Diagnoses | | | | |
| | Alcoholic Psychoses | | | | |
| | Alcohol Dependence Syndrome | | | | |
| | Nondependent Abuse of Alcohol | | | | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.6 | 0.6 | 0.3 | 0.9 |
| 8.8 | 14.4 | 15.7 | 13.1 | 13.3 |
| 0.6 | 0.9 | - | 0.6 | 0.3 |
| 9.4 | 15.9 | 16.3 | 13.9 | 14.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

MIDDLESEX

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | 1 | 1 | — | — |
| 3 | 7 | 8 | 9 | 6 |
| 23 | 29 | 25 | 25 | 34 |
| 28 | 37 | 34 | 34 | 40 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 333 | 447 | 489 | 482 | 415 |
| — | 1 | — | — | — |
| 10 | 7 | 10 | 53 | 54 |
| 42 | 6 | 6 | 47 | 56 |
| 3 | — | — | — | — |
| 18 | 16 | 9 | 7 | 20 |
| 405 | 478 | 514 | 588 | 544 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14 | 10 | 14 | 21 | 16 |
| 14 | 16 | 39 | 30 | 24 |
| 15 | 15 | 24 | 16 | 15 |
| 45 | 62 | 72 | 92 | 83 |
| 28 | 23 | 31 | 13 | 8 |
| 75 | 85 | 95 | 90 | 70 |
| 191 | 211 | 275 | 262 | 216 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 11 | 6 | 10 | 11 | 12 |
| 24 | 33 | 47 | 47 | 37 |
| 36 | 46 | 58 | 66 | 76 |
| 27 | 24 | 35 | 38 | 39 |
| 10 | 7 | 15 | 16 | 8 |
| 30 | 34 | 28 | 34 | 44 |
| 138 | 150 | 193 | 212 | 216 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 5 | 2 | 1 | 2 |
| 24 | 25 | 21 | 26 | 19 |
| 3 | 4 | 14 | 24 | 13 |
| 28 | 34 | 37 | 51 | 34 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|-----|-----|-----|
| 1 | 1 | — | 4 | 1 |
| 61 | 46 | 51 | 53 | 69 |
| 28 | 29 | 59 | 71 | 52 |
| 90 | 76 | 110 | 128 | 122 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 4 | 1 | 2 | 6 |
| 9 | 10 | 5 | 7 | 7 |
| — | — | — | 1 | 1 |
| 10 | 14 | 6 | 10 | 14 |

MIDDLESEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.6 | 0.3 | 0.3 | — | — |
| 0.9 | 2.1 | 2.4 | 2.7 | 1.7 |
| 7.1 | 8.8 | 7.5 | 7.4 | 9.9 |
| 8.6 | 11.2 | 10.2 | 10.1 | 11.6 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 101.0 | 134.2 | 144.5 | 139.7 | 117.8 |
| — | 0.4 | — | — | — |
| 2.9 | 2.1 | 3.1 | 15.3 | 15.3 |
| 12.6 | 1.8 | 1.8 | 13.7 | 15.8 |
| 0.8 | — | — | — | — |
| 5.5 | 4.9 | 2.5 | 1.9 | 5.6 |
| 122.9 | 143.3 | 152.0 | 170.6 | 154.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | |
|--|--|
| Primary Diagnoses | |
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.2 | 3.0 | 4.1 | 6.1 | 4.5 |
| 4.2 | 4.8 | 11.5 | 8.7 | 6.8 |
| 4.6 | 4.5 | 7.1 | 4.6 | 4.3 |
| 13.7 | 18.6 | 21.3 | 26.7 | 23.6 |
| 8.5 | 6.9 | 9.2 | 3.8 | 2.3 |
| 22.8 | 25.5 | 28.1 | 26.1 | 19.9 |
| 58.0 | 63.3 | 81.3 | 76.0 | 61.3 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | |
|--|--|
| Secondary Diagnoses | |
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.3 | 1.8 | 3.0 | 3.2 | 3.4 |
| 7.3 | 9.9 | 13.9 | 13.6 | 10.5 |
| 10.9 | 13.8 | 17.1 | 19.1 | 21.6 |
| 8.2 | 7.2 | 10.3 | 11.0 | 11.1 |
| 3.0 | 2.1 | 4.4 | 4.6 | 2.3 |
| 9.1 | 10.2 | 8.3 | 9.9 | 12.5 |
| 41.9 | 45.0 | 57.0 | 61.5 | 61.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | |
|-----------------------------|--|
| Primary Diagnoses | |
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | 1.5 | 0.6 | 0.3 | 0.6 |
| 7.3 | 7.5 | 6.2 | 7.5 | 5.4 |
| 0.9 | 1.2 | 4.1 | 7.0 | 3.7 |
| 8.5 | 10.2 | 10.9 | 14.8 | 9.6 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | |
|-----------------------------|--|
| Secondary Diagnoses | |
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | 0.3 | — | 1.2 | 0.3 |
| 18.5 | 13.8 | 15.1 | 15.4 | 19.6 |
| 8.5 | 8.7 | 17.4 | 20.6 | 14.8 |
| 27.3 | 22.8 | 32.5 | 37.1 | 34.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

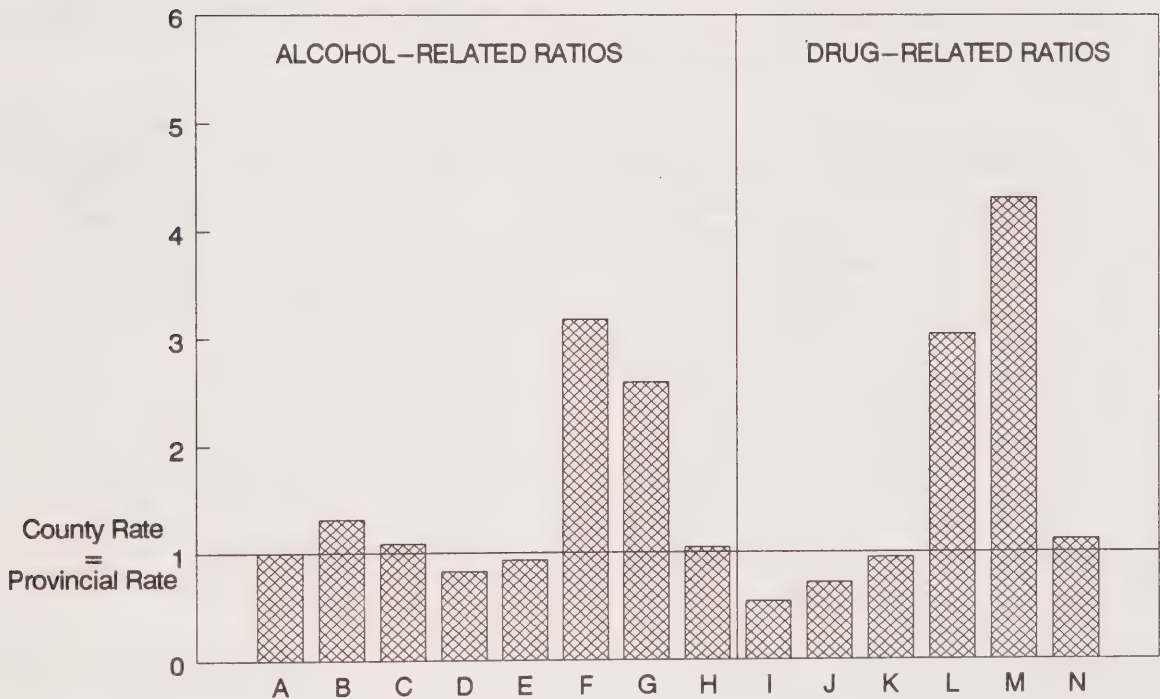
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.3 | 1.2 | 0.3 | 0.6 | 1.7 |
| 2.8 | 3.0 | 1.5 | 2.1 | 2.0 |
| — | — | — | 0.3 | 0.3 |
| 3.1 | 4.2 | 1.8 | 3.0 | 4.1 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

MIDDLESEX

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 43.3 | 44.0 | 44.3 | 45.2 | 46.5 | 47.5 | 48.6 |
| 10-14 | 23.5 | 23.1 | 22.9 | 22.5 | 22.4 | 23.2 | 23.3 |
| 15-19 | 26.0 | 24.9 | 24.5 | 24.6 | 24.4 | 25.0 | 25.3 |
| 20-29 | 62.5 | 63.2 | 63.6 | 63.8 | 64.8 | 65.3 | 65.6 |
| 30-39 | 50.7 | 51.9 | 53.4 | 54.4 | 53.8 | 56.0 | 58.1 |
| 40-49 | 35.3 | 36.2 | 37.1 | 38.0 | 39.7 | 39.8 | 41.4 |
| 50-59 | 32.5 | 32.1 | 31.9 | 32.0 | 31.5 | 32.5 | 33.1 |
| 60-64 | 14.7 | 15.4 | 15.6 | 15.5 | 15.4 | 15.9 | 16.1 |
| 65-74 | 20.4 | 20.8 | 21.6 | 22.5 | 23.2 | 23.6 | 24.4 |
| 75+ | 13.4 | 13.9 | 14.6 | 15.1 | 16.4 | 15.9 | 16.5 |
| Total Population | 322.3 | 325.5 | 329.5 | 333.4 | 338.3 | 344.8 | 352.4 |
| Aged 15 and Over | 255.5 | 258.4 | 262.3 | 265.7 | 269.4 | 274.1 | 280.5 |
| Aged 20 and Over | 229.5 | 233.5 | 237.8 | 241.1 | 245.0 | 249.1 | 255.2 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

MUSKOKA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 636.0 |
| | | | | 12,367 |
| | | | | 10,164 |
| | | | | 5,915 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,215 | 1,266 | 1,321 | 1,518 | 1,468 |
| n.a. | - | - | - | 1 |
| n.a. | 1 | 2 | 5 | 6 |
| 377 | 287 | 283 | 288 | 281 |
| 1 | 19 | 11 | 14 | 16 |
| 1,593 | 1,573 | 1,617 | 1,825 | 1,772 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 74 | 70 | 75 | 71 | 78 |
| 83 | 76 | 94 | 67 | 64 |
| 7 | 9 | 6 | 2 | 1 |
| 164 | 155 | 175 | 140 | 143 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 8 | 5 | 6 | 10 |
| 40 | 21 | 30 | 29 | 28 |
| 4 | 13 | 4 | 9 | 10 |
| 20 | 12 | 13 | 11 | 12 |
| 7 | 8 | 2 | 2 | 9 |
| 75 | 62 | 54 | 57 | 69 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|-----|-----|-----|
| 4 | 7 | 5 | 3 | 12 |
| 43 | 58 | 76 | 75 | 79 |
| 8 | 10 | 13 | 22 | 33 |
| 29 | 17 | 15 | 13 | 22 |
| 2 | 1 | - | 2 | 3 |
| 86 | 93 | 109 | 115 | 149 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | 1 | 1 |
| 18 | 15 | 14 | 12 | 16 |
| 2 | 2 | 1 | 3 | - |
| 20 | 17 | 16 | 16 | 17 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 6 | 4 | 4 | - | 4 |
| 1 | 1 | 3 | 1 | 1 |
| 7 | 5 | 7 | 1 | 5 |

MUSKOKA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 18.4 |
| | | | | 35,805 |
| | | | | 29,427 |
| | | | | 17,125 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 3,022.4 | 3,141.4 | 3,183.1 | 3,530.2 | 3,298.9 |
| n.a. | - | - | - | 2.2 |
| n.a. | 2.5 | 4.8 | 11.6 | 13.5 |
| 937.8 | 712.2 | 681.9 | 669.8 | 631.5 |
| 2.5 | 47.1 | 26.5 | 32.6 | 36.0 |
| 3,962.7 | 3,903.2 | 3,896.4 | 4,244.2 | 3,982.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 184.1 | 173.7 | 180.7 | 165.1 | 175.3 |
| 206.5 | 188.6 | 226.5 | 155.8 | 143.8 |
| 17.4 | 22.3 | 14.5 | 4.7 | 2.2 |
| 408.0 | 384.6 | 421.7 | 325.6 | 321.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.0 | 19.9 | 12.0 | 14.0 | 22.5 |
| 99.5 | 52.1 | 72.3 | 67.4 | 62.9 |
| 10.0 | 32.3 | 9.6 | 20.9 | 22.5 |
| 49.8 | 29.8 | 31.3 | 25.6 | 27.0 |
| 17.4 | 19.9 | 4.8 | 4.7 | 20.2 |
| 186.6 | 153.8 | 130.1 | 132.6 | 155.1 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.0 | 17.4 | 12.0 | 7.0 | 27.0 |
| 107.0 | 143.9 | 183.1 | 174.4 | 177.5 |
| 19.9 | 24.8 | 31.3 | 51.2 | 74.2 |
| 72.1 | 42.2 | 36.1 | 30.2 | 49.4 |
| 5.0 | 2.5 | - | 4.7 | 6.7 |
| 213.9 | 230.8 | 262.7 | 267.4 | 334.8 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 2.4 | 2.3 | 2.2 |
| 44.8 | 37.2 | 33.7 | 27.9 | 36.0 |
| 5.0 | 5.0 | 2.4 | 7.0 | - |
| 49.8 | 42.2 | 38.6 | 37.2 | 38.2 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 14.9 | 9.9 | 9.6 | - | 9.0 |
| 2.5 | 2.5 | 7.2 | 2.3 | 2.2 |
| 17.4 | 12.4 | 16.9 | 2.3 | 11.2 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

MUSKOKA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | - | - | - | 1 |
| - | 2 | - | 1 | - |
| 5 | 3 | 3 | 3 | 2 |
| 6 | 5 | 3 | 4 | 3 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 62 | 55 | 48 | 54 | 68 |
| - | - | - | - | - |
| 6 | - | 4 | 2 | 4 |
| 7 | 6 | - | 6 | 9 |
| 3 | - | - | - | 1 |
| 3 | 3 | 2 | 1 | 1 |
| 80 | 63 | 54 | 64 | 83 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 1 | 4 | 3 |
| - | - | - | 2 | 2 |
| - | - | 1 | 1 | - |
| 13 | 14 | 21 | 23 | 13 |
| 5 | 3 | 6 | 4 | 3 |
| 13 | 11 | 17 | 15 | 20 |
| 32 | 29 | 46 | 49 | 41 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|---|----|----|----|
| 1 | 1 | - | 4 | 3 |
| 3 | - | 2 | 2 | 3 |
| 1 | 1 | 6 | 4 | 5 |
| 3 | 1 | 4 | 8 | 5 |
| 3 | 1 | 1 | 3 | - |
| 2 | 5 | 7 | 6 | 1 |
| 13 | 9 | 20 | 27 | 17 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 2 | 3 | - |
| - | 1 | 1 | - | - |
| 1 | - | 3 | - | - |
| 1 | 1 | 6 | 3 | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | 1 | 1 | - |
| 1 | - | 1 | - | 2 |
| 2 | 3 | - | 2 | 1 |
| 3 | 3 | 2 | 3 | 3 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | 1 | - |
| - | 1 | - | - | - |
| - | - | - | - | - |
| - | 1 | - | 1 | - |

MUSKOKA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | 2.5 | — | — | — | 2.3 |
| Alcohol Dependence Syndrome | — | 5.0 | — | 2.4 | — |
| Chronic Liver Disease and Cirrhosis | 12.6 | 7.5 | 7.4 | 7.2 | 4.7 |
| County | 15.1 | 12.4 | 7.4 | 9.6 | 7.0 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 154.4 | 136.1 | 115.4 | 125.0 | 151.9 |
| Heroin | — | — | — | — | — |
| Cocaine | 13.7 | — | 9.5 | 5.7 | 8.1 |
| Other Drugs | 17.3 | 14.7 | — | 14.6 | 19.2 |
| Controlled Drugs | 6.6 | — | — | — | 3.2 |
| Restricted Drugs | 6.4 | 6.3 | 5.9 | 3.1 | 3.1 |
| County | 198.5 | 157.1 | 130.7 | 148.5 | 185.5 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Primary Diagnoses | | | | | |
| Drug Psychoses | 2.5 | 2.5 | 2.4 | 9.3 | 6.7 |
| Drug Dependence | — | — | — | 4.7 | 4.5 |
| Nondependent Abuse of Drugs | — | — | 2.4 | 2.3 | — |
| Poisoning by Analgesics, Antipyretics... | 32.3 | 34.7 | 50.6 | 53.5 | 29.2 |
| Poisoning by Sedatives and Hypnotics | 12.4 | 7.4 | 14.5 | 9.3 | 6.7 |
| Poisoning by Psychotropic Agents | 32.3 | 27.3 | 41.0 | 34.9 | 44.9 |
| County | 79.6 | 72.0 | 110.8 | 114.0 | 92.1 |
| Province | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Drug Psychoses | 2.5 | 2.5 | — | 9.3 | 6.7 |
| Drug Dependence | 7.5 | — | 4.8 | 4.7 | 6.7 |
| Nondependent Abuse of Drugs | 2.5 | 2.5 | 14.5 | 9.3 | 11.2 |
| Poisoning by Analgesics, Antipyretics... | 7.5 | 2.5 | 9.6 | 18.6 | 11.2 |
| Poisoning by Sedatives and Hypnotics | 7.5 | 2.5 | 2.4 | 7.0 | — |
| Poisoning by Psychotropic Agents | 5.0 | 12.4 | 16.9 | 14.0 | 2.2 |
| County | 32.3 | 22.3 | 48.2 | 62.8 | 38.2 |
| Province | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Primary Diagnoses | | | | | |
| Drug Psychoses | — | — | 4.8 | 7.0 | — |
| Drug Dependence | — | 2.5 | 2.4 | — | — |
| Nondependent Abuse of Drugs | 2.5 | — | 7.2 | — | — |
| County | 2.5 | 2.5 | 14.5 | 7.0 | — |
| Province | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Drug Psychoses | — | — | 2.4 | 2.3 | — |
| Drug Dependence | 2.5 | — | 2.4 | — | 4.5 |
| Nondependent Abuse of Drugs | 5.0 | 7.4 | — | 4.7 | 2.2 |
| County | 7.5 | 7.4 | 4.8 | 7.0 | 6.7 |
| Province | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

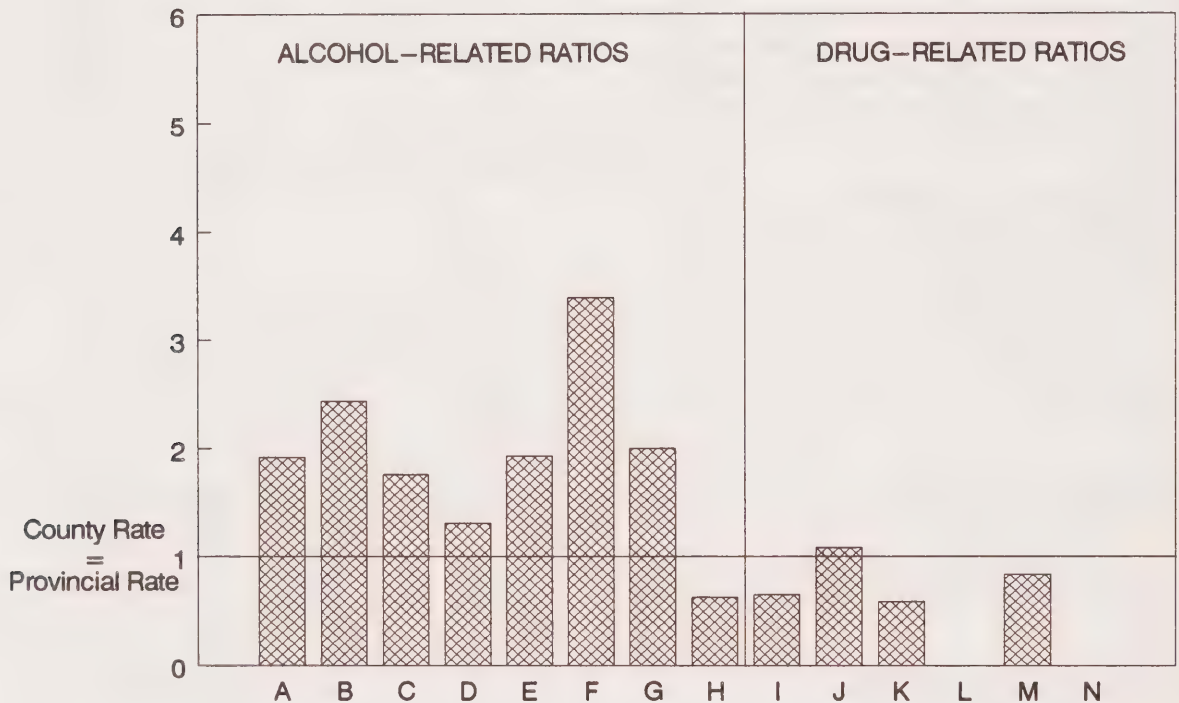
| | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------------|------|------|------|------|------|
| Accidental Poisoning | — | — | — | 2.4 | — |
| Suicide | — | 2.5 | — | — | — |
| Undetermined | — | — | — | — | — |
| County | — | 2.5 | — | 2.4 | — |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

MUSKOKA

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.9 | 5.8 |
| 10-14 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 |
| 15-19 | 3.1 | 2.9 | 2.7 | 2.7 | 2.9 | 3.2 | 2.8 |
| 20-29 | 5.1 | 4.6 | 4.6 | 5.8 | 5.4 | 5.0 | 6.3 |
| 30-39 | 5.4 | 5.7 | 5.7 | 6.0 | 6.3 | 6.5 | 6.7 |
| 40-49 | 4.2 | 4.5 | 4.5 | 4.4 | 4.8 | 5.0 | 5.1 |
| 50-59 | 4.6 | 4.6 | 4.7 | 4.6 | 4.8 | 4.7 | 4.9 |
| 60-64 | 2.4 | 2.6 | 2.6 | 2.5 | 2.6 | 2.7 | 2.7 |
| 65-74 | 4.2 | 4.5 | 4.8 | 4.1 | 4.2 | 4.5 | 4.6 |
| 75+ | 2.3 | 2.6 | 2.7 | 2.5 | 2.6 | 2.8 | 2.8 |
| Total Population | 39.1 | 39.8 | 40.2 | 40.3 | 41.5 | 43.0 | 44.5 |
| Aged 15 and Over | 31.5 | 32.1 | 32.4 | 32.4 | 33.5 | 34.3 | 35.9 |
| Aged 20 and Over | 28.4 | 29.2 | 29.7 | 29.7 | 30.6 | 31.1 | 33.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,864.6 |
| | | | | 188,052 |
| | | | | 43,686 |
| | | | | 19,332 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,348 | 2,684 | 2,724 | 4,270 | 3,914 |
| n.a. | 5 | 2 | 3 | 1 |
| n.a. | 21 | 15 | 13 | 19 |
| 1,441 | 1,124 | 1,146 | 1,260 | 1,189 |
| 48 | 29 | 40 | 59 | 49 |
| 3,837 | 3,863 | 3,927 | 5,605 | 5,172 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|------|-------|------|------|
| 486 | 476 | 482 | 493 | 522 |
| 521 | 497 | 552 | 375 | 408 |
| 23 | 23 | 22 | 10 | 19 |
| 1,030 | 996 | 1,056 | 878 | 949 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 51 | 49 | 59 | 47 | 41 |
| 208 | 233 | 216 | 244 | 208 |
| 51 | 64 | 47 | 69 | 54 |
| 169 | 117 | 138 | 146 | 150 |
| 14 | 14 | 19 | 19 | 20 |
| 493 | 477 | 479 | 525 | 473 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 26 | 29 | 41 | 39 | 29 |
| 350 | 378 | 371 | 365 | 387 |
| 54 | 70 | 56 | 72 | 62 |
| 225 | 221 | 205 | 203 | 197 |
| 13 | 8 | 10 | 10 | 11 |
| 668 | 706 | 683 | 689 | 686 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | - | 1 | - | - |
| 3 | 11 | 8 | 14 | 3 |
| - | - | - | - | 2 |
| 5 | 11 | 9 | 14 | 5 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|----|---|
| 1 | 1 | - | 1 | 1 |
| 4 | 5 | 4 | 9 | 2 |
| - | - | - | - | - |
| 5 | 6 | 4 | 10 | 3 |

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.4 |
| | | | | 61,685 |
| | | | | 14,330 |
| | | | | 6,341 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 634.9 | 725.2 | 729.5 | 1,130.2 | 1,020.9 |
| n.a. | 1.4 | 0.5 | 0.8 | 0.3 |
| n.a. | 5.7 | 4.0 | 3.4 | 5.0 |
| 389.7 | 303.7 | 306.9 | 333.5 | 310.1 |
| 13.0 | 7.8 | 10.7 | 15.6 | 12.8 |
| 1,037.6 | 1,043.8 | 1,051.7 | 1,483.6 | 1,349.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 131.4 | 128.6 | 129.1 | 130.5 | 136.2 |
| 140.9 | 134.3 | 147.8 | 99.3 | 106.4 |
| 6.2 | 6.2 | 5.9 | 2.6 | 5.0 |
| 278.5 | 269.1 | 282.8 | 232.4 | 247.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.8 | 13.2 | 15.8 | 12.4 | 10.7 |
| 56.2 | 63.0 | 57.8 | 64.6 | 54.3 |
| 13.8 | 17.3 | 12.6 | 18.3 | 14.1 |
| 45.7 | 31.6 | 37.0 | 38.6 | 39.1 |
| 3.8 | 3.8 | 5.1 | 5.0 | 5.2 |
| 133.3 | 128.9 | 128.3 | 139.0 | 123.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.0 | 7.8 | 11.0 | 10.3 | 7.6 |
| 94.6 | 102.1 | 99.4 | 96.6 | 100.9 |
| 14.6 | 18.9 | 15.0 | 19.1 | 16.2 |
| 60.8 | 59.7 | 54.9 | 53.7 | 51.4 |
| 3.5 | 2.2 | 2.7 | 2.6 | 2.9 |
| 180.6 | 190.8 | 182.9 | 182.4 | 178.9 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.5 | - | 0.3 | - | - |
| 0.8 | 3.0 | 2.1 | 3.7 | 0.8 |
| - | - | - | - | 0.5 |
| 1.4 | 3.0 | 2.4 | 3.7 | 1.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | 0.3 | - | 0.3 | 0.3 |
| 1.1 | 1.4 | 1.1 | 2.4 | 0.5 |
| - | - | - | - | - |
| 1.4 | 1.6 | 1.1 | 2.6 | 0.8 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | 1 | 2 | 1 |
| 6 | 6 | 10 | 8 | 9 |
| 32 | 60 | 40 | 29 | 42 |
| 38 | 67 | 51 | 39 | 52 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 289 | 221 | 161 | 97 | 117 |
| — | 4 | — | 1 | 1 |
| 11 | 16 | 14 | 15 | 19 |
| 28 | 30 | 49 | 50 | 34 |
| 1 | 3 | — | — | — |
| 5 | 14 | 11 | 4 | 7 |
| 335 | 286 | 236 | 167 | 179 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 17 | 15 | 18 | 20 | 18 |
| 47 | 60 | 49 | 85 | 75 |
| 21 | 26 | 13 | 25 | 20 |
| 73 | 91 | 105 | 108 | 131 |
| 61 | 45 | 58 | 85 | 48 |
| 99 | 105 | 128 | 116 | 121 |
| 318 | 342 | 371 | 439 | 413 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 6 | 6 | 6 | 8 | 6 |
| 40 | 57 | 78 | 87 | 73 |
| 19 | 28 | 37 | 42 | 29 |
| 42 | 57 | 50 | 57 | 49 |
| 21 | 17 | 22 | 30 | 18 |
| 47 | 53 | 41 | 67 | 64 |
| 175 | 218 | 234 | 291 | 239 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 2 | 4 | 4 | — |
| 4 | 4 | 2 | 5 | 3 |
| — | — | 2 | 2 | — |
| 4 | 6 | 8 | 11 | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|----|----|---|
| 1 | — | — | — | — |
| 6 | 4 | 7 | 5 | 3 |
| — | 1 | 4 | 6 | 1 |
| 7 | 5 | 11 | 11 | 4 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 7 | 4 | 3 | 8 |
| 8 | 5 | 15 | 9 | 3 |
| 3 | 4 | 1 | 3 | 1 |
| 15 | 16 | 20 | 15 | 12 |

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.3 | 0.3 | 0.5 | 0.3 |
| 1.6 | 1.6 | 2.7 | 2.1 | 2.4 |
| 8.7 | 16.2 | 10.8 | 7.8 | 11.1 |
| 10.3 | 18.1 | 13.8 | 10.4 | 13.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 78.2 | 59.6 | 43.2 | 25.6 | 30.5 |
| — | 1.0 | — | 0.4 | 0.3 |
| 3.0 | 4.2 | 3.9 | 3.9 | 5.0 |
| 7.5 | 8.0 | 13.1 | 13.3 | 8.9 |
| 0.4 | 0.8 | — | — | — |
| 1.4 | 3.7 | 2.9 | 1.1 | 1.8 |
| 90.5 | 77.4 | 63.1 | 44.2 | 46.6 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.6 | 4.1 | 4.8 | 5.3 | 4.7 |
| 12.7 | 16.2 | 13.1 | 22.5 | 19.6 |
| 5.7 | 7.0 | 3.5 | 6.6 | 5.2 |
| 19.7 | 24.6 | 28.1 | 28.6 | 34.2 |
| 16.5 | 12.2 | 15.5 | 22.5 | 12.5 |
| 26.8 | 28.4 | 34.3 | 30.7 | 31.6 |
| 86.0 | 92.4 | 99.4 | 116.2 | 107.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.6 | 1.6 | 1.6 | 2.1 | 1.6 |
| 10.8 | 15.4 | 20.9 | 23.0 | 19.0 |
| 5.1 | 7.6 | 9.9 | 11.1 | 7.6 |
| 11.4 | 15.4 | 13.4 | 15.1 | 12.8 |
| 5.7 | 4.6 | 5.9 | 7.9 | 4.7 |
| 12.7 | 14.3 | 11.0 | 17.7 | 16.7 |
| 47.3 | 58.9 | 62.7 | 77.0 | 62.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.5 | 1.1 | 1.1 | — |
| 1.1 | 1.1 | 0.5 | 1.3 | 0.8 |
| — | — | 0.5 | 0.5 | — |
| 1.1 | 1.6 | 2.1 | 2.9 | 0.8 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | — | — | — | — |
| 1.6 | 1.1 | 1.9 | 1.3 | 0.8 |
| — | 0.3 | 1.1 | 1.6 | 0.3 |
| 1.9 | 1.4 | 2.9 | 2.9 | 1.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

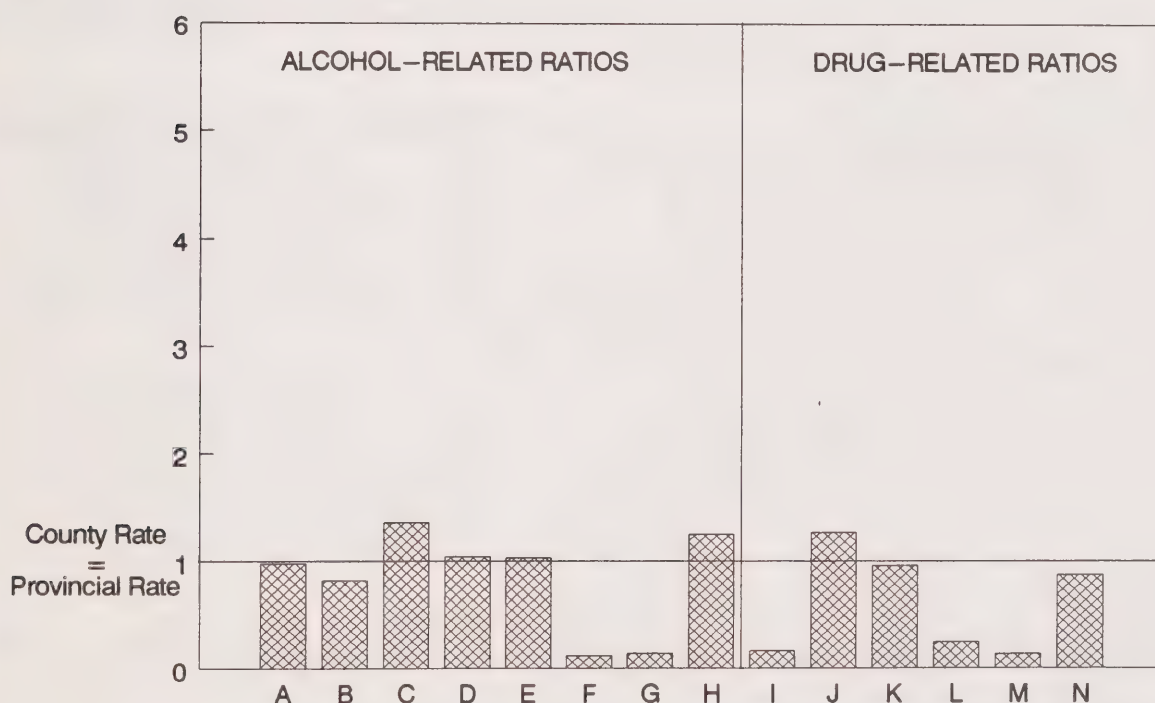
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.1 | 1.9 | 1.1 | 0.8 | 2.1 |
| 2.2 | 1.4 | 4.1 | 2.4 | 0.8 |
| 0.8 | 1.1 | 0.3 | 0.8 | 0.3 |
| 4.1 | 4.3 | 5.4 | 4.0 | 3.2 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

NIAGARA REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 47.9 | 47.4 | 46.7 | 47.2 | 48.3 | 49.2 | 50.1 |
| 10-14 | 28.8 | 27.8 | 27.0 | 25.9 | 25.5 | 24.9 | 24.5 |
| 15-19 | 33.1 | 31.4 | 30.3 | 29.6 | 29.3 | 28.2 | 28.2 |
| 20-29 | 62.5 | 64.3 | 65.9 | 59.7 | 61.1 | 63.6 | 60.6 |
| 30-39 | 52.1 | 52.7 | 53.6 | 55.2 | 54.6 | 54.8 | 56.4 |
| 40-49 | 40.6 | 41.1 | 41.4 | 43.0 | 44.8 | 47.3 | 51.0 |
| 50-59 | 41.9 | 41.0 | 40.0 | 40.1 | 39.2 | 38.3 | 38.2 |
| 60-64 | 19.1 | 20.0 | 20.3 | 20.9 | 20.6 | 20.1 | 19.7 |
| 65-74 | 26.4 | 26.7 | 27.3 | 29.7 | 30.5 | 31.5 | 33.3 |
| 75+ | 16.8 | 17.1 | 17.3 | 18.7 | 19.2 | 20.1 | 21.4 |
| Total Population | 369.1 | 369.4 | 369.8 | 370.1 | 373.4 | 377.8 | 383.4 |
| Aged 15 and Over | 292.4 | 294.2 | 296.1 | 297.0 | 299.6 | 303.7 | 308.8 |
| Aged 20 and Over | 259.3 | 262.8 | 265.8 | 267.4 | 270.3 | 275.5 | 280.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 717.9 |
| | | | | 34,942 |
| | | | | 11,412 |
| | | | | 5,259 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,214 | 1,340 | 1,220 | 1,253 | 1,198 |
| n.a. | - | 1 | - | - |
| n.a. | 8 | 4 | 2 | 2 |
| 455 | 390 | 371 | 479 | 451 |
| 30 | 28 | 28 | 43 | 30 |
| 1,699 | 1,766 | 1,624 | 1,777 | 1,681 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 84 | 61 | 75 | 69 | 76 |
| 96 | 80 | 91 | 57 | 69 |
| 3 | 1 | 6 | 3 | 4 |
| 183 | 142 | 172 | 129 | 149 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13 | 14 | 16 | 17 | 14 |
| 79 | 70 | 75 | 76 | 72 |
| 12 | 7 | 11 | 13 | 6 |
| 42 | 36 | 46 | 30 | 41 |
| 6 | 4 | 4 | 7 | 3 |
| 152 | 131 | 152 | 143 | 136 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 9 | 4 | 6 | 5 | 7 |
| 109 | 75 | 85 | 75 | 103 |
| 23 | 7 | 10 | 7 | 16 |
| 40 | 63 | 43 | 49 | 30 |
| 2 | 1 | - | - | - |
| 183 | 150 | 144 | 136 | 156 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 3 | 5 | 7 | - |
| 22 | 23 | 25 | 27 | 26 |
| 23 | 23 | 19 | 19 | 22 |
| 47 | 49 | 49 | 53 | 48 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 3 | 1 | 3 | 4 | 3 |
| 7 | 5 | 6 | 14 | 3 |
| 23 | 20 | 15 | 24 | 24 |
| 33 | 26 | 24 | 42 | 30 |

NIPISSING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.5 |
| | | | | 55,756 |
| | | | | 18,210 |
| | | | | 8,392 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,529.0 | 1,694.1 | 1,536.5 | 1,550.7 | 1,448.6 |
| n.a. | - | 1.3 | - | - |
| n.a. | 10.1 | 5.0 | 2.5 | 2.4 |
| 573.0 | 493.0 | 467.3 | 592.8 | 545.3 |
| 37.8 | 35.4 | 35.3 | 53.2 | 36.3 |
| 2,139.8 | 2,232.6 | 2,045.3 | 2,199.3 | 2,032.6 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 105.8 | 77.1 | 94.5 | 85.4 | 91.9 |
| 120.9 | 101.1 | 114.6 | 70.5 | 83.4 |
| 3.8 | 1.3 | 7.6 | 3.7 | 4.8 |
| 230.5 | 179.5 | 216.6 | 159.7 | 180.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 16.4 | 17.7 | 20.2 | 21.0 | 16.9 |
| 99.5 | 88.5 | 94.5 | 94.1 | 87.1 |
| 15.1 | 8.8 | 13.9 | 16.1 | 7.3 |
| 52.9 | 45.5 | 57.9 | 37.1 | 49.6 |
| 7.6 | 5.1 | 5.0 | 8.7 | 3.6 |
| 191.4 | 165.6 | 191.4 | 177.0 | 164.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11.3 | 5.1 | 7.6 | 6.2 | 8.5 |
| 137.3 | 94.8 | 107.1 | 92.8 | 124.5 |
| 29.0 | 8.8 | 12.6 | 8.7 | 19.3 |
| 50.4 | 79.6 | 54.2 | 60.6 | 36.3 |
| 2.5 | 1.3 | - | - | - |
| 230.5 | 189.6 | 181.4 | 168.3 | 188.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 3.8 | 6.3 | 8.7 | - |
| 27.7 | 29.1 | 31.5 | 33.4 | 31.4 |
| 29.0 | 29.1 | 23.9 | 23.5 | 26.6 |
| 59.2 | 61.9 | 61.7 | 65.6 | 58.0 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.8 | 1.3 | 3.8 | 5.0 | 3.6 |
| 8.8 | 6.3 | 7.6 | 17.3 | 3.6 |
| 29.0 | 25.3 | 18.9 | 29.7 | 29.0 |
| 41.6 | 32.9 | 30.2 | 52.0 | 36.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

NIPISSING

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | 1 | - | 1 |
| - | 2 | 2 | 4 | 3 |
| 13 | 12 | 13 | 9 | 9 |
| 13 | 15 | 16 | 13 | 13 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 149 | 152 | 149 | 122 | 223 |
| - | - | - | - | 2 |
| - | - | 8 | 25 | 5 |
| 42 | 42 | 6 | 3 | 4 |
| - | - | 3 | 2 | - |
| 12 | 9 | 19 | 7 | 21 |
| 202 | 203 | 185 | 158 | 256 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 1 | - | 2 |
| 7 | 2 | 5 | 4 | 3 |
| 3 | 2 | 4 | 2 | 4 |
| 22 | 37 | 52 | 34 | 42 |
| 11 | 16 | 13 | 14 | 11 |
| 14 | 35 | 35 | 33 | 34 |
| 59 | 93 | 110 | 87 | 96 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 1 | - | 2 | - | 2 |
| 10 | 7 | 10 | 6 | 5 |
| 8 | 7 | 10 | 7 | 12 |
| 7 | 9 | 10 | - | 8 |
| 2 | 6 | 3 | 3 | 1 |
| 8 | 7 | 5 | 1 | 2 |
| 36 | 36 | 40 | 17 | 30 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 3 | - | 3 | 5 |
| - | 3 | - | 3 | 5 |
| 3 | 9 | - | 8 | 10 |
| 9 | 15 | - | 14 | 20 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| - | 4 | - | 4 | 1 |
| 2 | 1 | 1 | 5 | 3 |
| 8 | 9 | 13 | 11 | 20 |
| 10 | 14 | 14 | 20 | 24 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | - | 3 | 1 | - |
| 2 | 2 | 3 | 1 | 2 |
| - | - | 1 | - | - |
| 4 | 2 | 7 | 2 | 2 |

NIPISSING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.3 | 1.3 | — | 1.2 |
| — | 2.5 | 2.5 | 5.0 | 3.7 |
| 16.3 | 15.1 | 16.4 | 11.3 | 11.1 |
| 16.3 | 18.9 | 20.2 | 16.4 | 16.1 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 187.7 | 192.6 | 187.3 | 150.8 | 270.0 |
| — | — | — | — | 2.9 |
| — | — | 9.9 | 30.4 | 5.8 |
| 52.4 | 52.5 | 7.7 | 3.9 | 5.2 |
| — | — | 3.9 | 2.5 | — |
| 14.7 | 11.2 | 24.5 | 8.2 | 25.4 |
| 254.8 | 256.3 | 233.3 | 195.8 | 309.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 1.3 | 1.3 | — | 2.4 |
| 8.8 | 2.5 | 6.3 | 5.0 | 3.6 |
| 3.8 | 2.5 | 5.0 | 2.5 | 4.8 |
| 27.7 | 46.8 | 65.5 | 42.1 | 50.8 |
| 13.9 | 20.2 | 16.4 | 17.3 | 13.3 |
| 17.6 | 44.2 | 44.1 | 40.8 | 41.1 |
| 74.3 | 117.6 | 138.5 | 107.7 | 116.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | — | 2.5 | — | 2.4 |
| 12.6 | 8.8 | 12.6 | 7.4 | 6.0 |
| 10.1 | 8.8 | 12.6 | 8.7 | 14.5 |
| 8.8 | 11.4 | 12.6 | — | 9.7 |
| 2.5 | 7.6 | 3.8 | 3.7 | 1.2 |
| 10.1 | 8.8 | 6.3 | 1.2 | 2.4 |
| 45.3 | 45.5 | 50.4 | 21.0 | 36.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.6 | 3.8 | — | 3.7 | 6.0 |
| — | 3.8 | — | 3.7 | 6.0 |
| 3.8 | 11.4 | — | 9.9 | 12.1 |
| 11.3 | 19.0 | — | 17.3 | 24.2 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 5.1 | — | 5.0 | 1.2 |
| 2.5 | 1.3 | 1.3 | 6.2 | 3.6 |
| 10.1 | 11.4 | 16.4 | 13.6 | 24.2 |
| 12.6 | 17.7 | 17.6 | 24.8 | 29.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

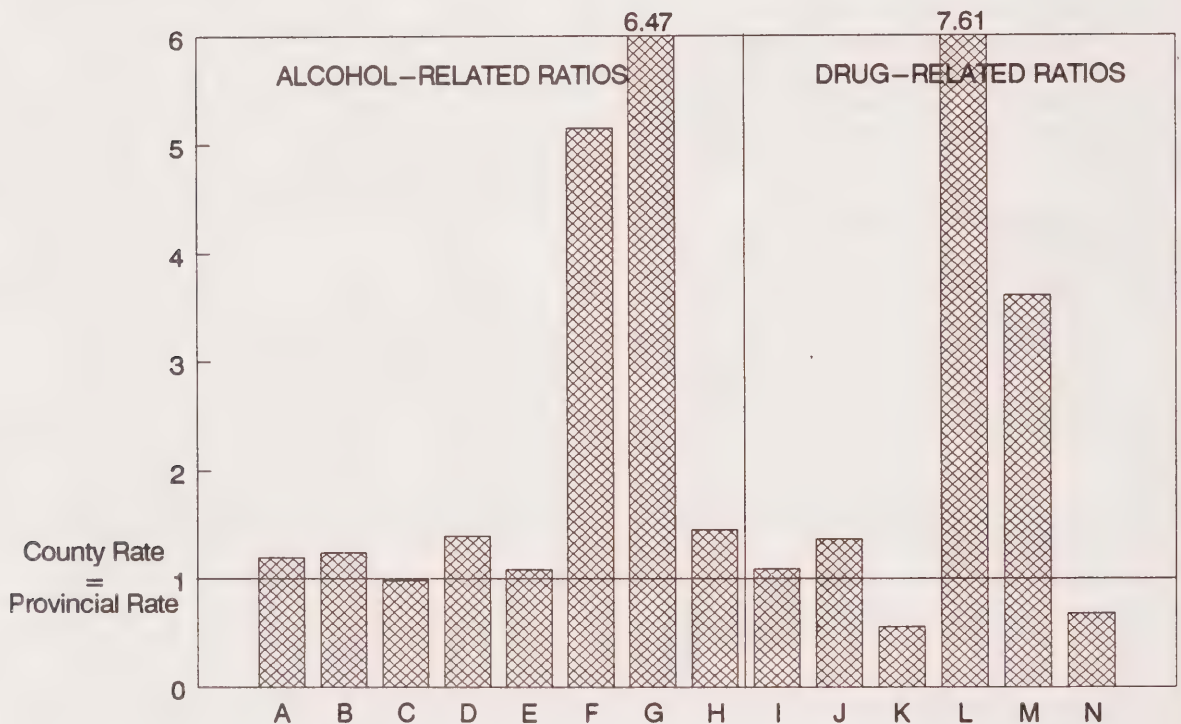
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.5 | — | 3.8 | 1.3 | — |
| 2.5 | 2.5 | 3.8 | 1.3 | 2.5 |
| — | — | 1.3 | — | — |
| 5.0 | 2.5 | 8.8 | 2.5 | 2.5 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

NIPISSING

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 11.2 | 11.1 | 11.0 | 11.3 | 11.1 | 11.5 | 11.8 |
| 10-14 | 6.6 | 6.5 | 6.2 | 6.3 | 6.0 | 5.8 | 5.8 |
| 15-19 | 8.1 | 7.4 | 6.9 | 6.7 | 6.7 | 6.6 | 6.4 |
| 20-29 | 13.6 | 14.3 | 14.7 | 13.4 | 13.3 | 13.8 | 13.9 |
| 30-39 | 11.0 | 11.2 | 11.1 | 11.5 | 11.5 | 11.8 | 12.1 |
| 40-49 | 9.4 | 9.3 | 9.3 | 9.6 | 9.9 | 10.2 | 11.3 |
| 50-59 | 8.2 | 8.2 | 8.1 | 8.3 | 8.3 | 8.3 | 8.2 |
| 60-64 | 3.5 | 3.5 | 3.5 | 3.6 | 3.6 | 3.7 | 3.7 |
| 65-74 | 5.1 | 5.1 | 5.3 | 5.5 | 5.7 | 5.7 | 6.0 |
| 75+ | 2.9 | 3.0 | 3.1 | 3.1 | 3.3 | 3.3 | 3.5 |
| Total Population | 79.7 | 79.7 | 79.4 | 79.1 | 79.4 | 80.8 | 82.7 |
| Aged 15 and Over | 61.9 | 62.1 | 62.2 | 61.5 | 62.3 | 63.5 | 65.1 |
| Aged 20 and Over | 53.8 | 54.7 | 55.3 | 54.8 | 55.6 | 56.9 | 58.7 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

NORTHUMBERLAND

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| | 1988-89 |
|-----------------------------------|---------|
| Litres (thousands) | 530.6 |
| Estimated Low Risk Consumers | 34,460 |
| Estimated Moderate Risk Consumers | 8,129 |
| Estimated High Risk Consumers | 3,596 |

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|--|--------------|--------------|--------------|--------------|--------------|
| Liquor Act | 1,027 | 1,160 | 1,125 | 1,118 | 1,125 |
| Impaired Operation Causing Death | n.a. | - | - | 1 | - |
| Impaired Operation Causing Bodily Harm | n.a. | 3 | 8 | 2 | 4 |
| Impaired Operation Over 80 mg% | 367 | 370 | 322 | 374 | 401 |
| Fail/Refuse to Provide Breath/Blood Sample | 4 | 19 | 9 | 15 | 20 |
| Total | 1,398 | 1,552 | 1,464 | 1,510 | 1,550 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------------------|------------|------------|------------|------------|------------|
| Resulting in Property Damage | 93 | 66 | 77 | 93 | 90 |
| Resulting in Personal Injury | 119 | 96 | 110 | 105 | 86 |
| Resulting in Fatalities | 12 | 6 | 9 | 6 | 6 |
| Total | 224 | 168 | 196 | 204 | 182 |

HOSPITAL SEPARATIONS

| General Hospitals | Primary Diagnoses | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------|-------------------------------------|-----------|------------|-----------|------------|------------|
| | Alcoholic Psychoses | 12 | 13 | 5 | 16 | 12 |
| | Alcohol Dependence Syndrome | 40 | 56 | 46 | 50 | 47 |
| | Nondependent Abuse of Alcohol | 3 | 14 | 14 | 7 | 11 |
| | Chronic Liver Disease and Cirrhosis | 25 | 41 | 19 | 43 | 34 |
| | Toxic Effects of Alcohol | 2 | 2 | 7 | 6 | 6 |
| | Total | 82 | 126 | 91 | 122 | 110 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------------------------|------------|------------|------------|------------|------------|
| Alcoholic Psychoses | 7 | 7 | 7 | 8 | 6 |
| Alcohol Dependence Syndrome | 117 | 106 | 104 | 124 | 116 |
| Nondependent Abuse of Alcohol | 17 | 22 | 19 | 19 | 24 |
| Chronic Liver Disease and Cirrhosis | 44 | 42 | 60 | 62 | 39 |
| Toxic Effects of Alcohol | 1 | 1 | 1 | 5 | 3 |
| Total | 186 | 178 | 191 | 218 | 188 |

Primary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------------------|----------|----------|----------|----------|-----------|
| Alcoholic Psychoses | - | - | 1 | - | 3 |
| Alcohol Dependence Syndrome | 1 | 1 | 2 | 6 | 8 |
| Nondependent Abuse of Alcohol | - | - | - | - | - |
| Total | 1 | 1 | 3 | 6 | 11 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------------------|----------|----------|----------|----------|----------|
| Alcoholic Psychoses | - | - | - | 2 | 2 |
| Alcohol Dependence Syndrome | 2 | 2 | 3 | 5 | 2 |
| Nondependent Abuse of Alcohol | - | - | - | - | - |
| Total | 2 | 2 | 3 | 7 | 4 |

NORTHUMBERLAND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.5 |
| | | | | 61,448 |
| | | | | 14,495 |
| | | | | 6,412 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,532.8 | 1,713.4 | 1,628.1 | 1,581.3 | 1,541.1 |
| n.a. | - | - | 1.4 | - |
| n.a. | 4.4 | 11.6 | 2.8 | 5.5 |
| 547.8 | 546.5 | 466.0 | 529.0 | 549.3 |
| 6.0 | 28.1 | 13.0 | 21.2 | 27.4 |
| 2,086.6 | 2,292.5 | 2,118.7 | 2,135.8 | 2,123.3 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 138.8 | 97.5 | 111.4 | 131.5 | 123.3 |
| 177.6 | 141.8 | 159.2 | 148.5 | 117.8 |
| 17.9 | 8.9 | 13.0 | 8.5 | 8.2 |
| 334.3 | 248.2 | 283.6 | 288.5 | 249.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 17.9 | 19.2 | 7.2 | 22.6 | 16.4 |
| 59.7 | 82.7 | 66.6 | 70.7 | 64.4 |
| 4.5 | 20.7 | 20.3 | 9.9 | 15.1 |
| 37.3 | 60.6 | 27.5 | 60.8 | 46.6 |
| 3.0 | 3.0 | 10.1 | 8.5 | 8.2 |
| 122.4 | 186.1 | 131.7 | 172.6 | 150.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.4 | 10.3 | 10.1 | 11.3 | 8.2 |
| 174.6 | 156.6 | 150.5 | 175.4 | 158.9 |
| 25.4 | 32.5 | 27.5 | 26.9 | 32.9 |
| 65.7 | 62.0 | 86.8 | 87.7 | 53.4 |
| 1.5 | 1.5 | 1.4 | 7.1 | 4.1 |
| 277.6 | 262.9 | 276.4 | 308.3 | 257.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1.4 | - | 4.1 |
| 1.5 | 1.5 | 2.9 | 8.5 | 11.0 |
| - | - | - | - | - |
| 1.5 | 1.5 | 4.3 | 8.5 | 15.1 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 2.8 | 2.7 |
| 3.0 | 3.0 | 4.3 | 7.1 | 2.7 |
| - | - | - | - | - |
| 3.0 | 3.0 | 4.3 | 9.9 | 5.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

NORTHUMBERLAND

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 1 | 1 | - | - | 2 |
| 8 | 6 | 6 | 5 | 2 |
| 9 | 7 | 6 | 5 | 4 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 92 | 133 | 91 | 66 | 123 |
| - | - | - | - | 2 |
| - | 3 | 5 | - | 16 |
| 21 | 47 | 6 | 16 | 30 |
| - | - | - | - | 1 |
| 9 | 3 | 5 | 4 | 3 |
| 122 | 186 | 107 | 85 | 175 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 1 | 2 | 1 |
| 1 | 7 | 9 | 7 | 8 |
| 3 | 3 | 1 | 5 | 7 |
| 17 | 22 | 28 | 17 | 18 |
| 12 | 8 | 12 | 6 | 4 |
| 18 | 19 | 22 | 23 | 19 |
| 53 | 60 | 73 | 60 | 57 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | - | 3 | 1 | 6 |
| 11 | 8 | 16 | 14 | 19 |
| 28 | 16 | 28 | 34 | 41 |
| 11 | 9 | 16 | 12 | 9 |
| 2 | 2 | 4 | 3 | 5 |
| 11 | 6 | 6 | 11 | 4 |
| 65 | 41 | 73 | 75 | 84 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | - | - |
| 1 | - | 2 | 2 | 1 |
| 1 | - | - | 1 | - |
| 2 | - | 3 | 3 | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 3 | - | 3 | 3 | 1 |
| 1 | 1 | - | 1 | 1 |
| 4 | 1 | 3 | 4 | 2 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | 1 | - | - |
| 1 | - | 1 | 2 | 2 |
| - | - | 1 | - | 1 |
| 1 | 1 | 3 | 2 | 3 |

NORTHUMBERLAND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1.5 | 1.5 | — | — | 2.8 |
| 12.0 | 9.0 | 8.9 | 7.2 | 2.8 |
| 13.5 | 10.4 | 8.9 | 7.2 | 5.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 137.2 | 196.2 | 131.3 | 93.0 | 168.7 |
| — | — | — | — | 3.3 |
| — | 4.2 | 7.6 | — | 21.3 |
| 31.1 | 70.1 | 8.9 | 22.2 | 40.9 |
| — | — | — | — | 1.9 |
| 13.5 | 3.7 | 7.0 | 5.6 | 3.8 |
| 181.7 | 274.3 | 154.8 | 120.8 | 240.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--|--|----------|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| Nondependent Abuse of Drugs | | |
| Poisoning by Analgesics, Antipyretics... | | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.0 | 1.5 | 1.4 | 2.8 | 1.4 |
| 1.5 | 10.3 | 13.0 | 9.9 | 11.0 |
| 4.5 | 4.4 | 1.4 | 7.1 | 9.6 |
| 25.4 | 32.5 | 40.5 | 24.0 | 24.7 |
| 17.9 | 11.8 | 17.4 | 8.5 | 5.5 |
| 26.9 | 28.1 | 31.8 | 32.5 | 26.0 |
| 79.1 | 88.6 | 105.6 | 84.9 | 78.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | | | |
|------|------|-------|-------|-------|
| 3.0 | — | 4.3 | 1.4 | 8.2 |
| 16.4 | 11.8 | 23.2 | 19.8 | 26.0 |
| 41.8 | 23.6 | 40.5 | 48.1 | 56.2 |
| 16.4 | 13.3 | 23.2 | 17.0 | 12.3 |
| 3.0 | 3.0 | 5.8 | 4.2 | 6.8 |
| 16.4 | 8.9 | 8.7 | 15.6 | 5.5 |
| 97.0 | 60.6 | 105.6 | 106.1 | 115.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|--|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 1.4 | — | — |
| 1.5 | — | 2.9 | 2.8 | 1.4 |
| 1.5 | — | — | 1.4 | — |
| 3.0 | — | 4.3 | 4.2 | 1.4 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| 4.5 | — | 4.3 | 4.2 | 1.4 |
| 1.5 | 1.5 | — | 1.4 | 1.4 |
| 6.0 | 1.5 | 4.3 | 5.7 | 2.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

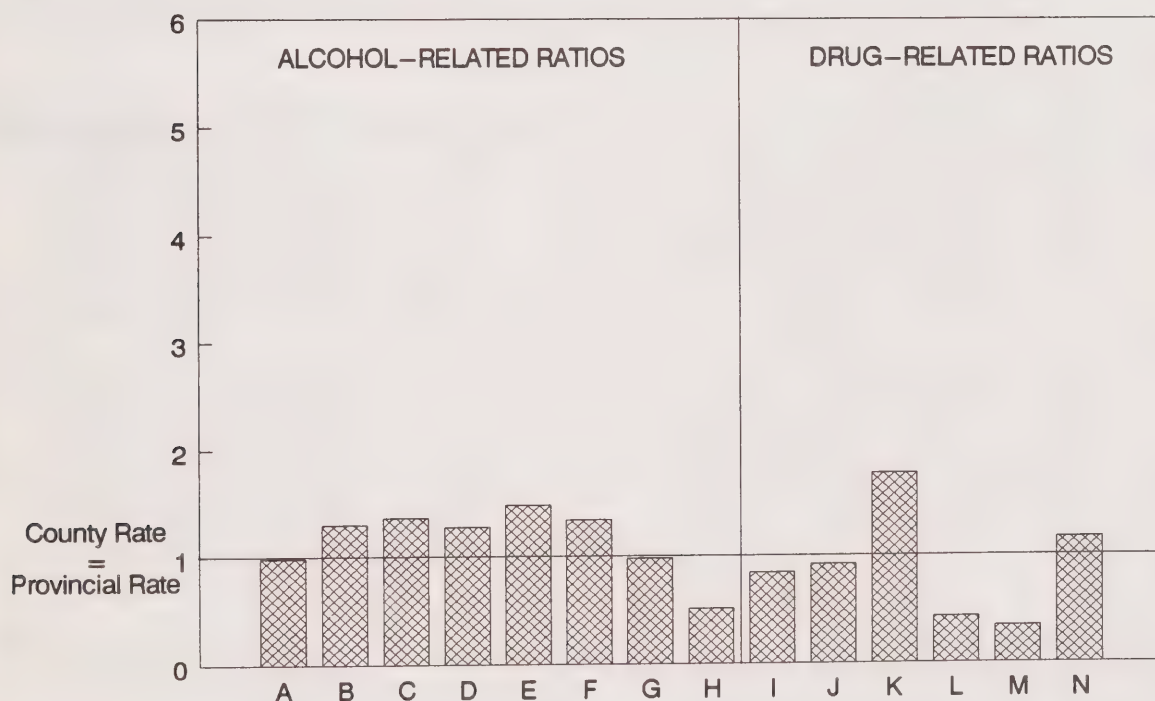
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1.5 | 1.5 | — | — |
| 1.5 | — | 1.5 | 2.9 | 2.8 |
| — | — | 1.5 | — | 1.4 |
| 1.5 | 1.5 | 4.4 | 2.9 | 4.2 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

NORTHUMBERLAND

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0-9 | 9.2 | 9.2 | 9.5 | 9.2 | 9.6 | 10.1 | 10.1 |
| 10-14 | 5.2 | 5.2 | 5.3 | 4.8 | 5.1 | 5.2 | 5.1 |
| 15-19 | 6.4 | 6.4 | 6.5 | 5.0 | 5.0 | 5.1 | 5.3 |
| 20-29 | 9.7 | 9.7 | 9.7 | 10.1 | 10.5 | 11.0 | 10.6 |
| 30-39 | 8.9 | 9.0 | 9.0 | 10.1 | 10.3 | 10.6 | 11.0 |
| 40-49 | 6.8 | 6.9 | 6.9 | 7.5 | 7.8 | 8.4 | 8.3 |
| 50-59 | 7.5 | 7.5 | 7.6 | 7.0 | 7.0 | 6.7 | 7.5 |
| 60-64 | 3.5 | 3.5 | 3.5 | 3.9 | 3.7 | 3.4 | 4.1 |
| 65-74 | 5.7 | 5.7 | 5.8 | 6.2 | 6.3 | 6.3 | 6.8 |
| 75+ | 3.3 | 3.4 | 3.4 | 3.9 | 4.0 | 4.2 | 4.2 |
| Total Population | 66.1 | 66.6 | 67.0 | 67.7 | 69.1 | 70.7 | 73.0 |
| Aged 15 and Over | 51.7 | 52.2 | 52.2 | 53.7 | 54.4 | 55.4 | 57.8 |
| Aged 20 and Over | 45.3 | 45.8 | 45.7 | 48.7 | 49.4 | 50.3 | 52.5 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 4,701.6 |
| | | | | 332,449 |
| | | | | 70,633 |
| | | | | 30,993 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 3,248 | 3,853 | 4,285 | 3,663 | 3,764 |
| n.a. | - | 5 | 4 | 1 |
| n.a. | 7 | 7 | 12 | 10 |
| 1,795 | 1,711 | 1,684 | 1,681 | 1,491 |
| 135 | 207 | 187 | 199 | 151 |
| 5,178 | 5,778 | 6,168 | 5,559 | 5,417 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|------|------|------|------|
| 567 | 437 | 489 | 466 | 410 |
| 485 | 425 | 413 | 383 | 336 |
| 22 | 18 | 21 | 12 | 8 |
| 1,074 | 880 | 923 | 861 | 754 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 90 | 70 | 78 | 60 | 73 |
| 385 | 379 | 397 | 326 | 150 |
| 47 | 45 | 51 | 38 | 41 |
| 173 | 201 | 162 | 162 | 150 |
| 14 | 14 | 18 | 17 | 16 |
| 709 | 709 | 706 | 603 | 430 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 48 | 49 | 45 | 49 | 35 |
| 679 | 700 | 604 | 559 | 501 |
| 61 | 54 | 65 | 68 | 75 |
| 326 | 296 | 263 | 322 | 287 |
| 7 | 12 | 8 | 13 | 11 |
| 1,121 | 1,111 | 985 | 1,011 | 909 |

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 2 | 1 | 1 | - |
| 9 | 3 | 3 | 3 | 5 |
| - | - | - | - | 2 |
| 11 | 5 | 4 | 4 | 7 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 2 | - | 1 |
| 7 | 3 | 6 | 5 | 3 |
| - | - | - | 1 | - |
| 7 | 3 | 8 | 6 | 4 |

Mental Hospitals

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.9 |
| | | | | 63,075 |
| | | | | 13,401 |
| | | | | 5,880 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 543.1 | 635.2 | 697.1 | 586.1 | 593.4 |
| n.a. | - | 0.8 | 0.6 | 0.2 |
| n.a. | 1.2 | 1.1 | 1.9 | 1.6 |
| 300.2 | 282.1 | 274.0 | 269.0 | 235.1 |
| 22.6 | 34.1 | 30.4 | 31.8 | 23.8 |
| 865.9 | 952.5 | 1,003.4 | 889.4 | 854.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 94.8 | 72.0 | 79.6 | 74.6 | 64.6 |
| 81.1 | 70.1 | 67.2 | 61.3 | 53.0 |
| 3.7 | 3.0 | 3.4 | 1.9 | 1.3 |
| 179.6 | 145.1 | 150.2 | 137.8 | 118.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 15.1 | 11.5 | 12.7 | 9.6 | 11.5 |
| 64.4 | 62.5 | 64.6 | 52.2 | 23.6 |
| 7.9 | 7.4 | 8.3 | 6.1 | 6.5 |
| 28.9 | 33.1 | 26.4 | 25.9 | 23.6 |
| 2.3 | 2.3 | 2.9 | 2.7 | 2.5 |
| 118.6 | 116.9 | 114.9 | 96.5 | 67.8 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.0 | 8.1 | 7.3 | 7.8 | 5.5 |
| 113.5 | 115.4 | 98.3 | 89.4 | 79.0 |
| 10.2 | 8.9 | 10.6 | 10.9 | 11.8 |
| 54.5 | 48.8 | 42.8 | 51.5 | 45.2 |
| 1.2 | 2.0 | 1.3 | 2.1 | 1.7 |
| 187.5 | 183.2 | 160.2 | 161.8 | 143.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | 0.3 | 0.2 | 0.2 | - |
| 1.5 | 0.5 | 0.5 | 0.5 | 0.8 |
| - | - | - | - | 0.3 |
| 1.8 | 0.8 | 0.7 | 0.6 | 1.1 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 0.3 | - | 0.2 |
| 1.2 | 0.5 | 1.0 | 0.8 | 0.5 |
| - | - | - | 0.2 | - |
| 1.2 | 0.5 | 1.3 | 1.0 | 0.6 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 1 | 3 |
| 17 | 9 | 12 | 17 | 16 |
| 56 | 48 | 57 | 53 | 48 |
| 74 | 57 | 69 | 71 | 67 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|------|-------|
| 827 | 834 | 713 | 578 | 649 |
| 8 | 4 | 3 | 4 | 2 |
| 106 | 116 | 155 | 281 | 305 |
| 305 | 113 | 122 | 107 | 98 |
| 5 | 3 | 6 | 8 | 8 |
| 44 | 35 | 39 | 5 | 34 |
| 1,295 | 1,105 | 1,038 | 984 | 1,097 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 39 | 22 | 18 | 21 | 23 |
| 101 | 94 | 127 | 115 | 34 |
| 18 | 22 | 30 | 42 | 17 |
| 90 | 96 | 75 | 93 | 124 |
| 40 | 32 | 35 | 33 | 31 |
| 121 | 106 | 119 | 119 | 117 |
| 409 | 372 | 404 | 423 | 346 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 19 | 19 | 12 | 15 | 13 |
| 91 | 96 | 96 | 103 | 85 |
| 92 | 109 | 117 | 167 | 93 |
| 65 | 94 | 78 | 110 | 79 |
| 30 | 35 | 24 | 39 | 22 |
| 106 | 108 | 120 | 123 | 103 |
| 403 | 461 | 447 | 557 | 395 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 2 | — | 4 | — |
| — | 2 | — | 5 | 1 |
| — | — | 1 | — | — |
| — | 4 | 1 | 9 | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|---|---|---|
| 2 | 1 | 1 | 1 | — |
| 5 | 8 | 2 | 4 | 4 |
| 3 | 3 | 2 | 1 | — |
| 10 | 12 | 5 | 6 | 4 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 4 | 2 | 9 | 12 |
| 19 | 20 | 15 | 21 | 22 |
| — | 2 | 1 | 1 | 4 |
| 23 | 26 | 18 | 31 | 38 |

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.2 | — | — | 0.2 | 0.5 |
| 2.9 | 1.5 | 2.0 | 2.8 | 2.6 |
| 9.5 | 8.0 | 9.4 | 8.6 | 7.7 |
| 12.6 | 9.5 | 11.4 | 11.6 | 10.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 138.3 | 137.4 | 116.0 | 92.5 | 102.4 |
| 1.3 | 0.6 | 0.4 | 0.6 | 0.4 |
| 17.7 | 19.1 | 25.1 | 45.0 | 48.1 |
| 51.0 | 18.6 | 19.9 | 17.1 | 15.5 |
| 0.9 | 0.5 | 1.0 | 1.3 | 1.3 |
| 7.4 | 5.8 | 6.3 | 0.8 | 5.3 |
| 216.6 | 182.1 | 168.9 | 157.4 | 173.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6.5 | 3.6 | 2.9 | 3.4 | 3.6 |
| 16.9 | 15.5 | 20.7 | 18.4 | 5.4 |
| 3.0 | 3.6 | 4.9 | 6.7 | 2.7 |
| 15.1 | 15.8 | 12.2 | 14.9 | 19.5 |
| 6.7 | 5.3 | 5.7 | 5.3 | 4.9 |
| 20.2 | 17.5 | 19.4 | 19.0 | 18.4 |
| 68.4 | 61.3 | 65.7 | 67.7 | 54.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.2 | 3.1 | 2.0 | 2.4 | 2.0 |
| 15.2 | 15.8 | 15.6 | 16.5 | 13.4 |
| 15.4 | 18.0 | 19.0 | 26.7 | 14.7 |
| 10.9 | 15.5 | 12.7 | 17.6 | 12.5 |
| 5.0 | 5.8 | 3.9 | 6.2 | 3.5 |
| 17.7 | 17.8 | 19.5 | 19.7 | 16.2 |
| 67.4 | 76.0 | 72.7 | 89.1 | 62.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.3 | — | 0.6 | — |
| — | 0.3 | — | 0.8 | 0.2 |
| — | — | 0.2 | — | — |
| — | 0.7 | 0.2 | 1.4 | 0.2 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | 0.2 | 0.2 | 0.2 | — |
| 0.8 | 1.3 | 0.3 | 0.6 | 0.6 |
| 0.5 | 0.5 | 0.3 | 0.2 | — |
| 1.7 | 2.0 | 0.8 | 1.0 | 0.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

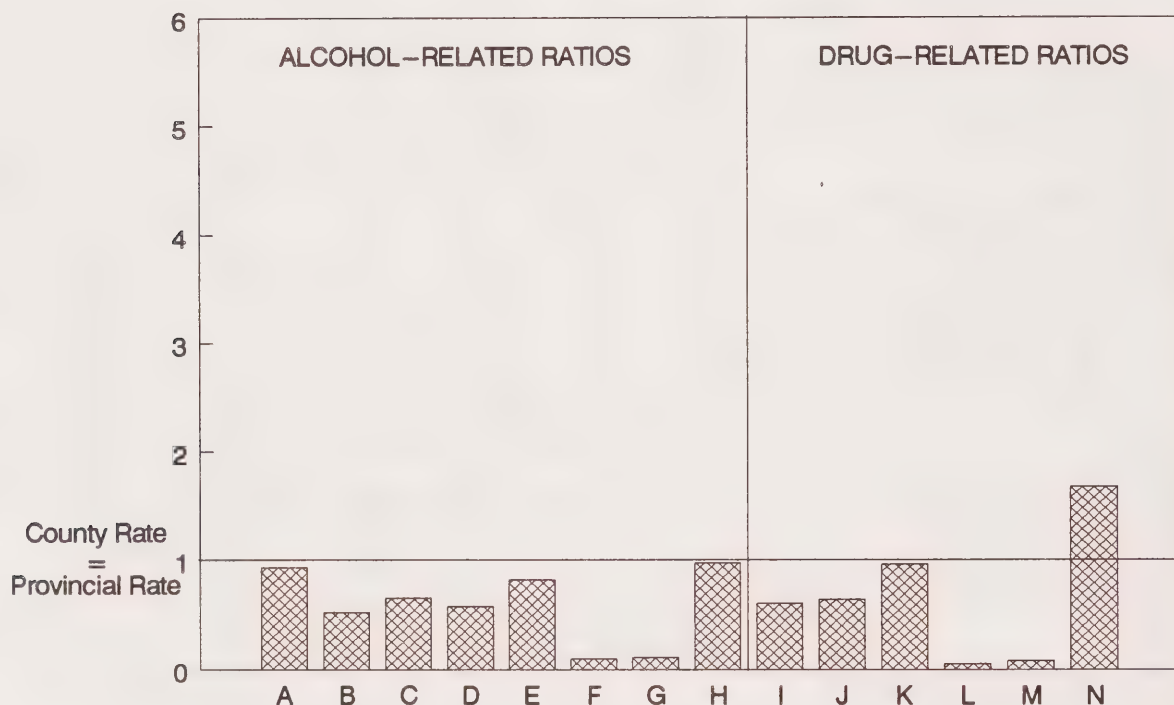
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.7 | 0.7 | 0.3 | 1.5 | 1.9 |
| 3.2 | 3.3 | 2.5 | 3.4 | 3.5 |
| — | 0.3 | 0.2 | 0.2 | 0.6 |
| 3.9 | 4.3 | 3.0 | 5.0 | 6.1 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 71.7 | 73.5 | 74.4 | 76.2 | 76.3 | 78.7 | 81.3 |
| 10-14 | 39.7 | 39.7 | 39.3 | 38.5 | 37.4 | 36.8 | 36.6 |
| 15-19 | 48.4 | 47.0 | 45.3 | 43.6 | 43.1 | 41.6 | 40.0 |
| 20-29 | 112.8 | 116.1 | 119.0 | 120.5 | 119.9 | 118.3 | 115.8 |
| 30-39 | 96.1 | 98.3 | 100.3 | 109.5 | 110.7 | 112.8 | 114.3 |
| 40-49 | 68.5 | 72.3 | 75.3 | 75.9 | 81.6 | 88.2 | 93.3 |
| 50-59 | 56.7 | 56.6 | 57.1 | 57.5 | 58.3 | 58.2 | 58.9 |
| 60-64 | 24.5 | 25.2 | 25.1 | 25.9 | 25.7 | 25.4 | 24.5 |
| 65-74 | 33.0 | 33.7 | 35.2 | 36.8 | 38.5 | 40.1 | 42.7 |
| 75+ | 22.9 | 25.5 | 27.1 | 22.1 | 23.1 | 24.9 | 26.9 |
| Total Population | 574.4 | 587.6 | 598.0 | 606.6 | 614.7 | 625.0 | 634.3 |
| Aged 15 and Over | 463.0 | 474.4 | 484.3 | 491.9 | 501.0 | 509.5 | 516.4 |
| Aged 20 and Over | 414.6 | 427.4 | 439.0 | 448.3 | 457.9 | 467.9 | 476.4 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 516.1 |
| | 44,383 |
| | 7,518 |
| | 3,269 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,498 | 1,531 | 1,396 | 1,289 | 1,336 |
| n.a. | 1 | - | - | - |
| n.a. | 3 | 1 | 3 | 5 |
| 502 | 539 | 487 | 396 | 415 |
| 35 | 36 | 32 | 32 | 22 |
| 2,035 | 2,110 | 1,916 | 1,720 | 1,778 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 76 | 71 | 68 | 79 | 68 |
| 90 | 88 | 101 | 94 | 67 |
| 4 | 2 | 9 | 7 | 6 |
| 170 | 161 | 178 | 180 | 141 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 6 | 7 | 7 | 5 |
| 77 | 87 | 102 | 82 | 86 |
| 19 | 24 | 22 | 24 | 17 |
| 19 | 18 | 27 | 24 | 28 |
| 3 | 8 | 4 | 5 | 2 |
| 128 | 143 | 162 | 142 | 138 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| | | | | |
|-----|-----|-----|-----|-----|
| 5 | 3 | 5 | 1 | 7 |
| 72 | 73 | 76 | 87 | 85 |
| 10 | 16 | 8 | 22 | 16 |
| 49 | 31 | 31 | 39 | 27 |
| 2 | - | 1 | 1 | 3 |
| 138 | 123 | 121 | 150 | 138 |

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 1 | - | 2 |
| 24 | 30 | 19 | 21 | 26 |
| - | 2 | 1 | 1 | - |
| 25 | 33 | 21 | 22 | 28 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| | | | | |
|---|---|---|---|----|
| 1 | 1 | - | - | - |
| 5 | 7 | 4 | 4 | 9 |
| - | - | - | - | 3 |
| 6 | 8 | 4 | 4 | 12 |

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988–89 |
| | | | | 7.7 |
| | | | | 66,253 |
| | | | | 11,223 |
| | | | | 4,880 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,756.2 | 1,792.7 | 1,615.7 | 1,471.5 | 1,491.1 |
| n.a. | 1.2 | — | — | — |
| n.a. | 3.5 | 1.2 | 3.4 | 5.6 |
| 588.5 | 631.1 | 563.7 | 452.1 | 463.2 |
| 41.0 | 42.2 | 37.0 | 36.5 | 24.6 |
| 2,385.7 | 2,470.7 | 2,217.6 | 1,963.5 | 1,984.4 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 89.1 | 83.1 | 78.7 | 90.2 | 75.9 |
| 105.5 | 103.0 | 116.9 | 107.3 | 74.8 |
| 4.7 | 2.3 | 10.4 | 8.0 | 6.7 |
| 199.3 | 188.5 | 206.0 | 205.5 | 157.4 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 11.7 | 7.0 | 8.1 | 8.0 | 5.6 |
| 90.3 | 101.9 | 118.1 | 93.6 | 96.0 |
| 22.3 | 28.1 | 25.5 | 27.4 | 19.0 |
| 22.3 | 21.1 | 31.2 | 27.4 | 31.2 |
| 3.5 | 9.4 | 4.6 | 5.7 | 2.2 |
| 150.1 | 167.4 | 187.5 | 162.1 | 154.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 5.9 | 3.5 | 5.8 | 1.1 | 7.8 |
| 84.4 | 85.5 | 88.0 | 99.3 | 94.9 |
| 11.7 | 18.7 | 9.3 | 25.1 | 17.9 |
| 57.4 | 36.3 | 35.9 | 44.5 | 30.1 |
| 2.3 | — | 1.2 | 1.1 | 3.3 |
| 161.8 | 144.0 | 140.0 | 171.2 | 154.0 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 1.2 | 1.2 | 1.2 | — | 2.2 |
| 28.1 | 35.1 | 22.0 | 24.0 | 29.0 |
| — | 2.3 | 1.2 | 1.1 | — |
| 29.3 | 38.6 | 24.3 | 25.1 | 31.2 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985–86 | 1986–87 | 1987–88 | 1988–89 | 1989–90 |
|---------|---------|---------|---------|---------|
| 1.2 | 1.2 | — | — | — |
| 5.9 | 8.2 | 4.6 | 4.6 | 10.0 |
| — | — | — | — | 3.3 |
| 7.0 | 9.4 | 4.6 | 4.6 | 13.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | 1 | 1 | - | - |
| 8 | 12 | 9 | 4 | 4 |
| 8 | 13 | 10 | 4 | 4 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 186 | 115 | 163 | 96 | 99 |
| - | 36 | - | - | - |
| 3 | 1 | 28 | 2 | 5 |
| 21 | 30 | 24 | 6 | 21 |
| 1 | - | - | - | - |
| 17 | 1 | 10 | 3 | 8 |
| 228 | 183 | 224 | 107 | 134 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7 | 1 | 1 | - | 2 |
| 3 | 11 | 6 | 12 | 8 |
| 8 | 10 | 11 | 13 | 8 |
| 25 | 25 | 16 | 26 | 27 |
| 5 | 4 | 13 | 8 | 6 |
| 21 | 19 | 12 | 22 | 14 |
| 69 | 70 | 59 | 81 | 65 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 1 | 2 | 3 | 5 |
| 4 | 4 | 5 | 8 | 4 |
| 8 | 6 | 8 | 9 | 11 |
| 16 | 19 | 30 | 35 | 25 |
| 6 | 2 | 7 | 10 | 5 |
| 19 | 20 | 13 | 22 | 28 |
| 55 | 52 | 65 | 87 | 78 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | - | - | 1 | - |
| 4 | 5 | 3 | 1 | 3 |
| 1 | - | 2 | 3 | - |
| 8 | 5 | 5 | 5 | 3 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| 1 | - | - | - | - |
| 10 | 13 | 7 | 8 | 9 |
| 2 | 2 | 8 | 8 | 9 |
| 13 | 15 | 15 | 16 | 18 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | - | - | - | - |
| 2 | 3 | - | 2 | - |
| - | - | - | - | - |
| 4 | 3 | - | 2 | - |

OXFORD

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 1.2 | 1.2 | — | — |
| 9.3 | 14.1 | 10.5 | 4.6 | 4.6 |
| 9.3 | 15.2 | 11.7 | 4.6 | 4.6 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 218.4 | 134.2 | 188.2 | 109.1 | 110.5 |
| — | 42.2 | — | — | — |
| 3.2 | 1.7 | 31.8 | 2.8 | 5.3 |
| 24.4 | 34.7 | 28.3 | 7.2 | 23.8 |
| 1.6 | — | — | — | — |
| 19.7 | 1.5 | 11.3 | 3.0 | 9.4 |
| 267.3 | 214.2 | 259.6 | 122.1 | 149.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8.2 | 1.2 | 1.2 | — | 2.2 |
| 3.5 | 12.9 | 6.9 | 13.7 | 8.9 |
| 9.4 | 11.7 | 12.7 | 14.8 | 8.9 |
| 29.3 | 29.3 | 18.5 | 29.7 | 30.1 |
| 5.9 | 4.7 | 15.0 | 9.1 | 6.7 |
| 24.6 | 22.2 | 13.9 | 25.1 | 15.6 |
| 80.9 | 82.0 | 68.3 | 92.5 | 72.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| 2.3 | 1.2 | 2.3 | 3.4 | 5.6 |
| 4.7 | 4.7 | 5.8 | 9.1 | 4.5 |
| 9.4 | 7.0 | 9.3 | 10.3 | 12.3 |
| 18.8 | 22.2 | 34.7 | 40.0 | 27.9 |
| 7.0 | 2.3 | 8.1 | 11.4 | 5.6 |
| 22.3 | 23.4 | 15.0 | 25.1 | 31.2 |
| 64.5 | 60.9 | 75.2 | 99.3 | 87.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.5 | — | — | 1.1 | — |
| 4.7 | 5.9 | 3.5 | 1.1 | 3.3 |
| 1.2 | — | 2.3 | 3.4 | — |
| 9.4 | 5.9 | 5.8 | 5.7 | 3.3 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|------|------|------|------|------|
| 1.2 | — | — | — | — |
| 11.7 | 15.2 | 8.1 | 9.1 | 10.0 |
| 2.3 | 2.3 | 9.3 | 9.1 | 10.0 |
| 15.2 | 17.6 | 17.4 | 18.3 | 20.1 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

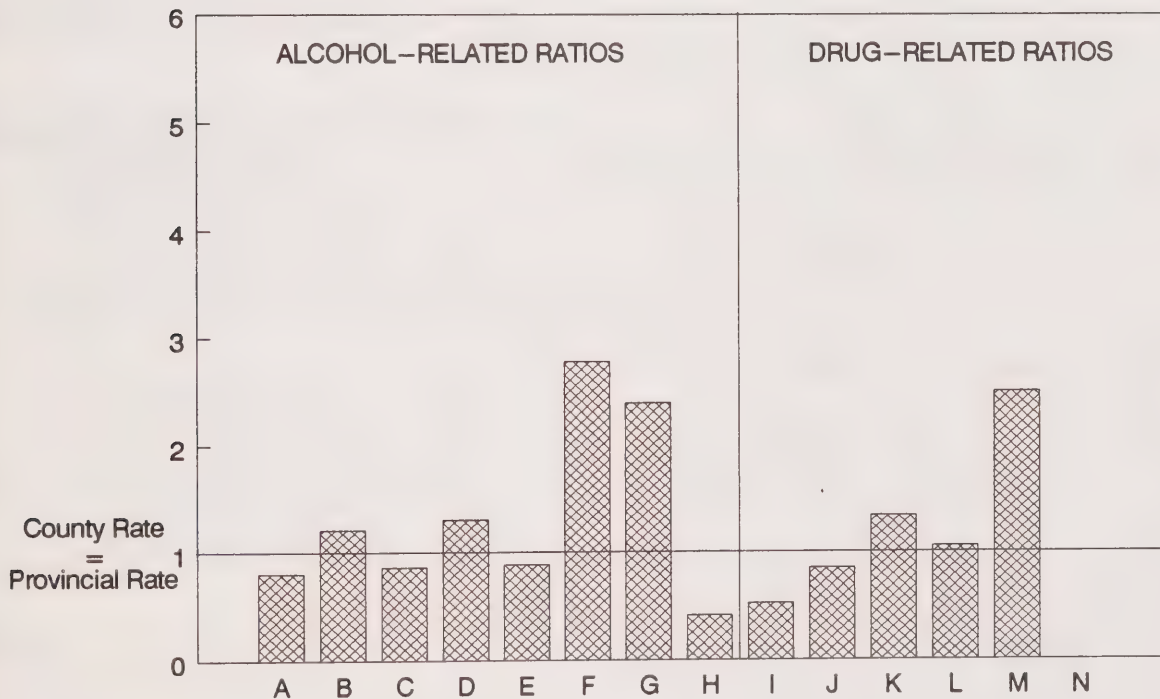
County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.3 | — | — | — | — |
| 2.3 | 3.5 | — | 2.3 | — |
| — | — | — | — | — |
| 4.7 | 3.5 | — | 2.3 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0- 9 | 12.6 | 12.6 | 12.5 | 12.3 | 11.8 | 12.1 | 12.5 |
| 10-14 | 7.0 | 6.8 | 6.8 | 6.5 | 6.0 | 6.0 | 5.9 |
| 15-19 | 7.5 | 7.0 | 6.8 | 6.5 | 6.7 | 6.7 | 6.4 |
| 20-29 | 14.5 | 14.8 | 14.6 | 13.9 | 14.1 | 14.1 | 14.2 |
| 30-39 | 11.8 | 12.1 | 12.3 | 12.8 | 12.9 | 13.2 | 13.8 |
| 40-49 | 8.9 | 8.9 | 9.0 | 9.4 | 10.0 | 10.4 | 11.5 |
| 50-59 | 8.7 | 8.6 | 8.4 | 8.5 | 8.5 | 8.5 | 8.4 |
| 60-64 | 3.9 | 4.1 | 4.2 | 4.3 | 4.3 | 4.3 | 4.2 |
| 65-74 | 6.1 | 6.2 | 6.2 | 6.4 | 6.7 | 6.9 | 7.0 |
| 75+ | 4.5 | 4.7 | 4.9 | 4.9 | 5.2 | 5.4 | 5.7 |
| Total Population | 85.7 | 85.7 | 85.3 | 85.4 | 86.4 | 87.6 | 89.6 |
| Aged 15 and Over | 66.1 | 66.3 | 66.0 | 66.6 | 68.6 | 69.5 | 71.2 |
| Aged 20 and Over | 58.6 | 59.3 | 59.2 | 60.1 | 61.9 | 62.8 | 64.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 388.9 |
| | | | | 13,704 |
| | | | | 6,325 |
| | | | | 3,113 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|------|-------|
| 725 | 844 | 876 | 720 | 892 |
| n.a. | 2 | 1 | - | 1 |
| n.a. | 5 | 5 | 6 | 5 |
| 273 | 279 | 270 | 238 | 258 |
| 2 | 9 | 14 | 21 | 12 |
| 1,000 | 1,139 | 1,166 | 985 | 1,168 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 60 | 55 | 48 | 49 | 56 |
| 75 | 61 | 80 | 54 | 48 |
| 6 | 6 | 6 | 3 | 3 |
| 141 | 122 | 134 | 106 | 107 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 9 | 5 | 6 | 9 |
| 41 | 43 | 57 | 32 | 34 |
| 2 | 4 | 6 | 5 | 9 |
| 17 | 16 | 19 | 6 | 17 |
| 1 | 3 | 1 | 2 | 3 |
| 69 | 75 | 88 | 51 | 72 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 2 | 3 | 3 | 8 | 1 |
| 53 | 54 | 56 | 55 | 50 |
| 2 | 5 | 8 | 12 | 12 |
| 13 | 13 | 19 | 19 | 29 |
| 1 | 1 | 1 | - | 2 |
| 71 | 76 | 87 | 94 | 94 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 2 | 1 | - |
| 10 | 6 | 12 | 4 | 5 |
| 1 | 4 | 1 | 4 | 6 |
| 11 | 10 | 15 | 9 | 11 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|----|---|---|---|---|
| 1 | - | - | - | - |
| 5 | 4 | 3 | 3 | - |
| 5 | 5 | 2 | 6 | 4 |
| 11 | 9 | 5 | 9 | 4 |

PARRY SOUND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 13.8 |
| | | | | 48,769 |
| | | | | 22,509 |
| | | | | 11,078 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,138.6 | 2,497.0 | 2,531.8 | 2,022.5 | 2,410.8 |
| n.a. | 5.9 | 2.9 | - | 2.7 |
| n.a. | 14.8 | 14.5 | 16.9 | 13.5 |
| 805.3 | 825.4 | 780.3 | 668.5 | 697.3 |
| 5.9 | 26.6 | 40.5 | 59.0 | 32.4 |
| 2,949.9 | 3,369.8 | 3,369.9 | 2,766.9 | 3,156.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 177.0 | 162.7 | 138.7 | 137.6 | 151.4 |
| 221.2 | 180.5 | 231.2 | 151.7 | 129.7 |
| 17.7 | 17.8 | 17.3 | 8.4 | 8.1 |
| 415.9 | 360.9 | 387.3 | 297.8 | 289.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 23.6 | 26.6 | 14.5 | 16.9 | 24.3 |
| 120.9 | 127.2 | 164.7 | 89.9 | 91.9 |
| 5.9 | 11.8 | 17.3 | 14.0 | 24.3 |
| 50.1 | 47.3 | 54.9 | 16.9 | 45.9 |
| 2.9 | 8.9 | 2.9 | 5.6 | 8.1 |
| 203.5 | 221.9 | 254.3 | 143.3 | 194.6 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.9 | 8.9 | 8.7 | 22.5 | 2.7 |
| 156.3 | 159.8 | 161.8 | 154.5 | 135.1 |
| 5.9 | 14.8 | 23.1 | 33.7 | 32.4 |
| 38.3 | 38.5 | 54.9 | 53.4 | 78.4 |
| 2.9 | 3.0 | 2.9 | - | 5.4 |
| 209.4 | 224.9 | 251.4 | 264.0 | 254.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 5.8 | 2.8 | - |
| 29.5 | 17.8 | 34.7 | 11.2 | 13.5 |
| 2.9 | 11.8 | 2.9 | 11.2 | 16.2 |
| 32.4 | 29.6 | 43.4 | 25.3 | 29.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.9 | - | - | - | - |
| 14.7 | 11.8 | 8.7 | 8.4 | - |
| 14.7 | 14.8 | 5.8 | 16.9 | 10.8 |
| 32.4 | 26.6 | 14.5 | 25.3 | 10.8 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

PARRY SOUND

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | 1 | - | - |
| - | - | - | 2 | 3 |
| 4 | 7 | 2 | 8 | 6 |
| 4 | 7 | 3 | 10 | 9 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 58 | 111 | 72 | 81 | 97 |
| - | - | - | 3 | - |
| - | 1 | 1 | - | 5 |
| - | 47 | 24 | 3 | - |
| - | 2 | - | 2 | - |
| 3 | 3 | 10 | 3 | 1 |
| 61 | 164 | 107 | 92 | 103 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | - | 4 |
| - | 1 | 2 | - | 2 |
| - | - | - | - | 1 |
| 12 | 15 | 16 | 13 | 9 |
| 3 | 2 | 1 | 6 | 6 |
| 7 | 13 | 11 | 9 | 11 |
| 22 | 32 | 30 | 28 | 33 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|---|----|----|
| 2 | 1 | 1 | - | 2 |
| 3 | 4 | 1 | 6 | 4 |
| 2 | 2 | 2 | 2 | 1 |
| 2 | 6 | 1 | 2 | 2 |
| 1 | - | 1 | - | 4 |
| 3 | 4 | 2 | 2 | 5 |
| 13 | 17 | 8 | 12 | 18 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 6 | - | - |
| 1 | 1 | 3 | - | - |
| 2 | - | 9 | - | 1 |
| 4 | 2 | 18 | - | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| 1 | 1 | - | - | - |
| - | 1 | 3 | - | - |
| 2 | 4 | 5 | - | 4 |
| 3 | 6 | 8 | - | 4 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | - | 1 | 1 | - |
| - | - | - | - | - |
| - | - | 1 | 1 | - |

PARRY SOUND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | 3.0 | — | — |
| — | — | — | 5.8 | 8.4 |
| 11.8 | 20.6 | 5.9 | 23.1 | 16.9 |
| 11.8 | 20.6 | 8.9 | 28.9 | 25.3 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 172.2 | 328.1 | 207.6 | 228.2 | 261.0 |
| — | — | — | 7.5 | — |
| — | 4.2 | 3.8 | — | 12.9 |
| — | 140.5 | 70.7 | 8.8 | — |
| — | 4.6 | — | 5.8 | — |
| 7.6 | 7.5 | 28.1 | 7.4 | 3.8 |
| 179.8 | 484.9 | 310.2 | 257.7 | 277.7 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 3.0 | — | — | 10.8 |
| — | 3.0 | 5.8 | — | 5.4 |
| — | — | — | — | 2.7 |
| 35.4 | 44.4 | 46.2 | 36.5 | 24.3 |
| 8.8 | 5.9 | 2.9 | 16.9 | 16.2 |
| 20.6 | 38.5 | 31.8 | 25.3 | 29.7 |
| 64.9 | 94.7 | 86.7 | 78.7 | 89.2 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.9 | 3.0 | 2.9 | — | 5.4 |
| 8.8 | 11.8 | 2.9 | 16.9 | 10.8 |
| 5.9 | 5.9 | 5.8 | 5.6 | 2.7 |
| 5.9 | 17.8 | 2.9 | 5.6 | 5.4 |
| 2.9 | — | 2.9 | — | 10.8 |
| 8.8 | 11.8 | 5.8 | 5.6 | 13.5 |
| 38.3 | 50.3 | 23.1 | 33.7 | 48.6 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.9 | 3.0 | 17.3 | — | — |
| 2.9 | 3.0 | 8.7 | — | — |
| 5.9 | — | 26.0 | — | 2.7 |
| 11.8 | 5.9 | 52.0 | — | 2.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.9 | 3.0 | — | — | — |
| — | 3.0 | 8.7 | — | — |
| 5.9 | 11.8 | 14.5 | — | 10.8 |
| 8.8 | 17.8 | 23.1 | — | 10.8 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

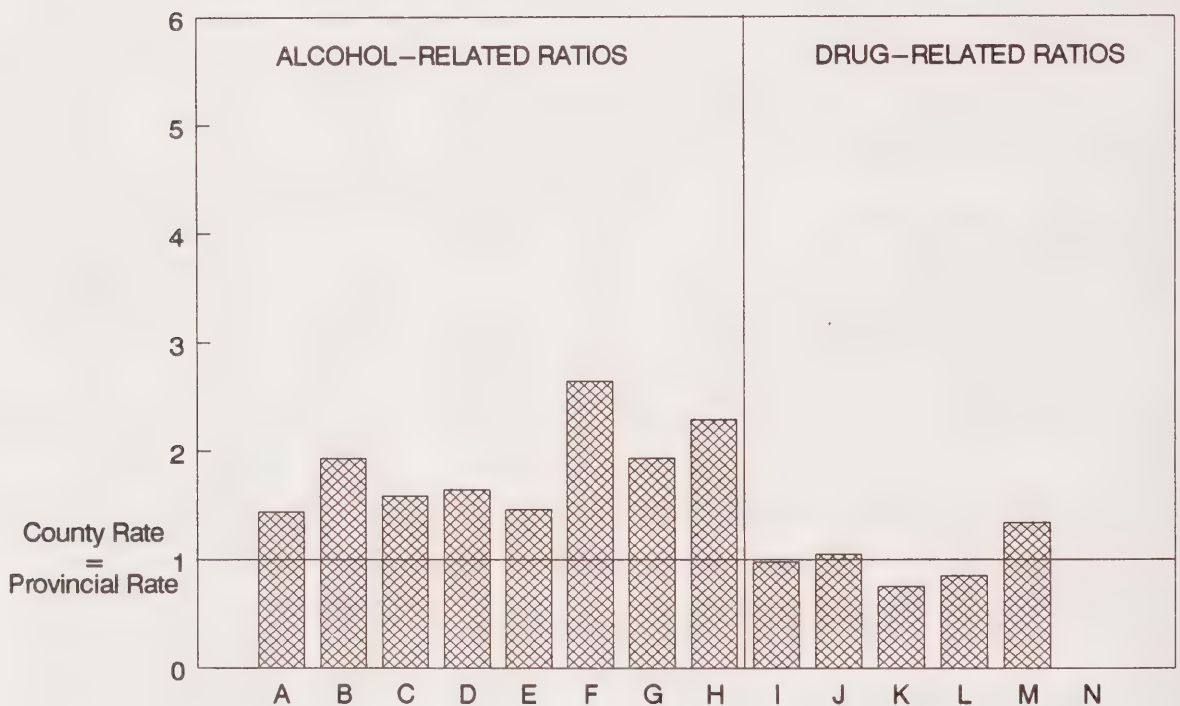
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | 3.0 | 2.9 | — |
| — | — | — | — | — |
| — | — | 3.0 | 2.9 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

PARRY SOUND

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.7 | 4.8 |
| 10-14 | 2.6 | 2.6 | 2.5 | 2.4 | 2.5 | 2.6 | 2.6 |
| 15-19 | 3.3 | 3.0 | 2.8 | 2.5 | 2.6 | 2.7 | 2.7 |
| 20-29 | 3.7 | 4.0 | 4.0 | 4.4 | 4.5 | 4.5 | 4.7 |
| 30-39 | 4.5 | 4.4 | 4.5 | 4.8 | 4.8 | 4.9 | 5.2 |
| 40-49 | 3.9 | 3.9 | 4.0 | 3.9 | 4.0 | 4.2 | 4.5 |
| 50-59 | 3.9 | 3.7 | 3.7 | 3.8 | 4.0 | 4.0 | 4.0 |
| 60-64 | 2.2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 |
| 65-74 | 3.5 | 3.6 | 3.7 | 3.6 | 3.7 | 3.7 | 4.0 |
| 75+ | 1.8 | 1.9 | 2.0 | 2.0 | 2.0 | 2.2 | 2.2 |
| Total Population | 34.0 | 33.9 | 33.9 | 33.8 | 34.6 | 35.6 | 37.0 |
| Aged 15 and Over | 26.9 | 26.9 | 27.0 | 27.0 | 27.7 | 28.3 | 29.6 |
| Aged 20 and Over | 23.6 | 23.9 | 24.2 | 24.5 | 25.1 | 25.6 | 26.9 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

PEEL

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 4,747.7 |
| | | | | 316,430 |
| | | | | 72,341 |
| | | | | 31,962 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 4,144 | 4,405 | 4,515 | 5,263 | 5,352 |
| n.a. | 2 | 4 | 5 | 7 |
| n.a. | 42 | 39 | 48 | 49 |
| 2,691 | 2,068 | 1,948 | 1,840 | 1,932 |
| 49 | 86 | 93 | 95 | 217 |
| 6,884 | 6,603 | 6,599 | 7,251 | 7,557 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|------|-------|-------|-------|
| 488 | 393 | 472 | 509 | 574 |
| 549 | 524 | 528 | 484 | 502 |
| 24 | 17 | 23 | 22 | 15 |
| 1,061 | 934 | 1,023 | 1,015 | 1,091 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 60 | 54 | 73 | 71 | 74 |
| 242 | 305 | 307 | 252 | 252 |
| 50 | 45 | 40 | 34 | 35 |
| 138 | 152 | 129 | 161 | 160 |
| 16 | 25 | 14 | 17 | 11 |
| 506 | 581 | 563 | 535 | 532 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 31 | 29 | 25 | 33 | 34 |
| 355 | 385 | 446 | 457 | 435 |
| 32 | 49 | 48 | 49 | 67 |
| 161 | 175 | 151 | 208 | 181 |
| 11 | 7 | 7 | 6 | 7 |
| 590 | 645 | 677 | 753 | 724 |

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 2 | - | 1 | - |
| 2 | 6 | - | 3 | 4 |
| 3 | - | - | 1 | 1 |
| 5 | 8 | - | 5 | 5 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | 1 | - | - | - |
| - | 1 | 1 | 2 | 5 |
| 1 | - | - | - | - |
| 1 | 2 | 1 | 2 | 5 |

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.3 |
| | | | | 62,007 |
| | | | | 14,176 |
| | | | | 6,263 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 725.7 | 744.1 | 734.4 | 821.3 | 800.8 |
| n.a. | 0.3 | 0.7 | 0.8 | 1.0 |
| n.a. | 7.1 | 6.3 | 7.5 | 7.3 |
| 471.3 | 349.3 | 316.9 | 287.1 | 289.1 |
| 8.6 | 14.5 | 15.1 | 14.8 | 32.5 |
| 1,205.6 | 1,115.4 | 1,073.4 | 1,131.6 | 1,130.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 85.5 | 66.4 | 76.8 | 79.4 | 85.9 |
| 96.1 | 88.5 | 85.9 | 75.5 | 75.1 |
| 4.2 | 2.9 | 3.7 | 3.4 | 2.2 |
| 185.8 | 157.8 | 166.4 | 158.4 | 163.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.5 | 9.1 | 11.9 | 11.1 | 11.1 |
| 42.4 | 51.5 | 49.9 | 39.3 | 37.7 |
| 8.8 | 7.6 | 6.5 | 5.3 | 5.2 |
| 24.2 | 25.7 | 21.0 | 25.1 | 23.9 |
| 2.8 | 4.2 | 2.3 | 2.7 | 1.6 |
| 88.6 | 98.1 | 91.6 | 83.5 | 79.6 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.4 | 4.9 | 4.1 | 5.1 | 5.1 |
| 62.2 | 65.0 | 72.5 | 71.3 | 65.1 |
| 5.6 | 8.3 | 7.8 | 7.6 | 10.0 |
| 28.2 | 29.6 | 24.6 | 32.5 | 27.1 |
| 1.9 | 1.2 | 1.1 | 0.9 | 1.0 |
| 103.3 | 109.0 | 110.1 | 117.5 | 108.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.3 | - | 0.2 | - |
| 0.4 | 1.0 | - | 0.5 | 0.6 |
| 0.5 | - | - | 0.2 | 0.1 |
| 0.9 | 1.4 | - | 0.8 | 0.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.2 | - | - | - |
| - | 0.2 | 0.2 | 0.3 | 0.7 |
| 0.2 | - | - | - | - |
| 0.2 | 0.3 | 0.2 | 0.3 | 0.7 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

PEEL

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 1 | 1 | 2 | — |
| 4 | 5 | 6 | 4 | 3 |
| 28 | 31 | 38 | 31 | 46 |
| 33 | 37 | 45 | 37 | 49 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 950 | 1,260 | 1,079 | 1,151 | 1,219 |
| — | 1 | 1 | 4 | 1 |
| 96 | 229 | 182 | 257 | 302 |
| — | — | 208 | 97 | 34 |
| 4 | — | 8 | — | 1 |
| 30 | 49 | 60 | 21 | 15 |
| 1,080 | 1,540 | 1,538 | 1,530 | 1,573 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 18 | 15 | 31 | 10 | 13 |
| 37 | 26 | 57 | 53 | 78 |
| 28 | 20 | 32 | 31 | 41 |
| 128 | 168 | 182 | 177 | 186 |
| 45 | 49 | 56 | 60 | 35 |
| 147 | 155 | 125 | 131 | 142 |
| 403 | 433 | 483 | 462 | 495 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 8 | 7 | 10 | 8 | 17 |
|-----|-----|-----|-----|-----|
| 38 | 39 | 57 | 56 | 73 |
| 36 | 42 | 67 | 61 | 64 |
| 83 | 88 | 68 | 91 | 97 |
| 42 | 49 | 45 | 48 | 23 |
| 137 | 114 | 105 | 113 | 114 |
| 344 | 339 | 352 | 377 | 388 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | — | — | — |
| 2 | — | 2 | — | 3 |
| — | 1 | 1 | 1 | 3 |
| 3 | 2 | 3 | 1 | 6 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| — | 1 | — | 1 | — |
|---|---|---|---|---|
| 3 | 1 | — | 1 | 3 |
| 2 | 4 | 4 | 3 | 2 |
| 5 | 6 | 4 | 5 | 5 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 8 | 7 | 6 | 7 | 6 |
| 14 | 5 | 8 | 8 | 9 |
| — | 1 | — | 2 | 1 |
| 22 | 13 | 14 | 17 | 16 |

PEEL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.2 | 0.2 | 0.2 | 0.3 | — |
| 0.7 | 0.9 | 1.0 | 0.7 | 0.5 |
| 5.1 | 5.4 | 6.4 | 5.0 | 7.2 |
| 6.0 | 6.5 | 7.6 | 6.0 | 7.6 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 166.4 | 212.9 | 175.5 | 179.6 | 182.4 |
| — | 0.2 | 0.2 | 0.6 | 0.2 |
| 16.9 | 38.8 | 29.6 | 40.0 | 45.1 |
| — | — | 33.8 | 15.2 | 5.1 |
| 0.7 | — | 1.3 | — | 0.2 |
| 5.2 | 8.3 | 9.7 | 3.3 | 2.3 |
| 189.2 | 260.2 | 250.1 | 238.7 | 235.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.2 | 2.5 | 5.0 | 1.6 | 1.9 |
| 6.5 | 4.4 | 9.3 | 8.3 | 11.7 |
| 4.9 | 3.4 | 5.2 | 4.8 | 6.1 |
| 22.4 | 28.4 | 29.6 | 27.6 | 27.8 |
| 7.9 | 8.3 | 9.1 | 9.4 | 5.2 |
| 25.7 | 26.2 | 20.3 | 20.4 | 21.2 |
| 70.6 | 73.1 | 78.6 | 72.1 | 74.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.4 | 1.2 | 1.6 | 1.2 | 2.5 |
| 6.7 | 6.6 | 9.3 | 8.7 | 10.9 |
| 6.3 | 7.1 | 10.9 | 9.5 | 9.6 |
| 14.5 | 14.9 | 11.1 | 14.2 | 14.5 |
| 7.4 | 8.3 | 7.3 | 7.5 | 3.4 |
| 24.0 | 19.3 | 17.1 | 17.6 | 17.1 |
| 60.2 | 57.3 | 57.3 | 58.8 | 58.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.2 | 0.2 | — | — | — |
| 0.4 | — | 0.3 | — | 0.4 |
| — | 0.2 | 0.2 | 0.2 | 0.4 |
| 0.5 | 0.3 | 0.5 | 0.2 | 0.9 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.2 | — | 0.2 | — |
| 0.5 | 0.2 | — | 0.2 | 0.4 |
| 0.4 | 0.7 | 0.7 | 0.5 | 0.3 |
| 0.9 | 1.0 | 0.7 | 0.8 | 0.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

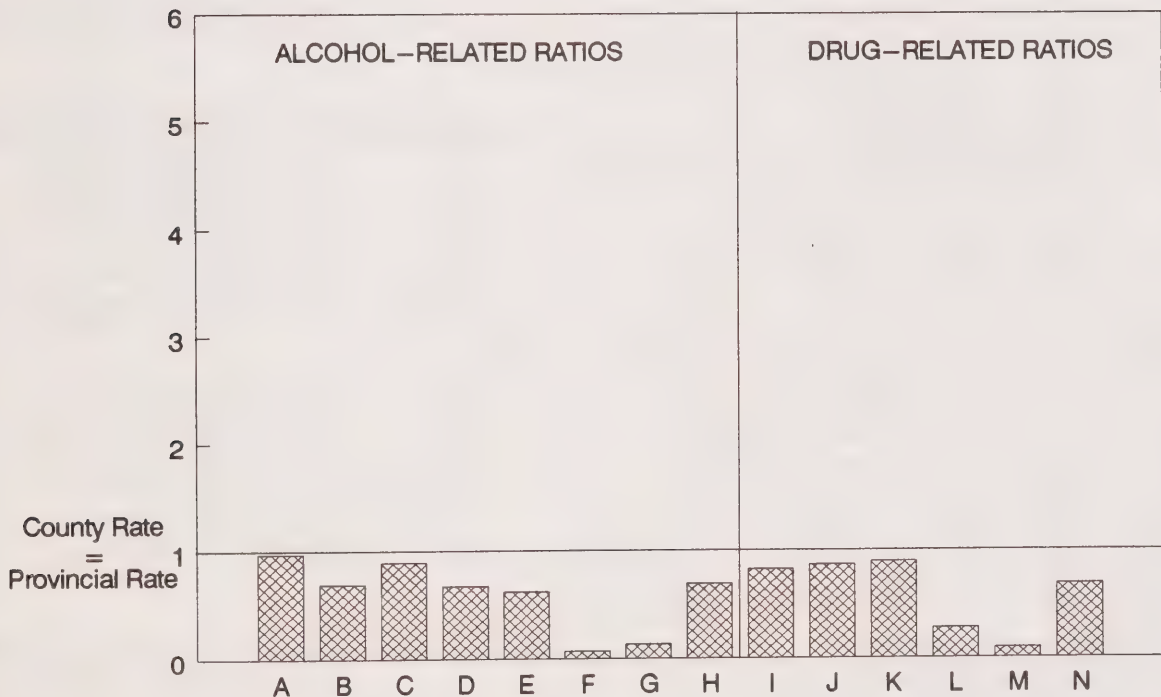
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.5 | 1.2 | 1.0 | 1.1 | 0.9 |
| 2.5 | 0.9 | 1.4 | 1.3 | 1.4 |
| — | 0.2 | — | 0.3 | 0.2 |
| 4.0 | 2.3 | 2.4 | 2.8 | 2.5 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

PEEL

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 87.7 | 90.1 | 91.9 | 94.4 | 95.7 | 96.1 | 103.1 |
| 10-14 | 46.3 | 46.7 | 47.2 | 47.2 | 46.7 | 45.3 | 47.6 |
| 15-19 | 46.0 | 46.1 | 46.9 | 48.2 | 49.5 | 49.7 | 49.1 |
| 20-29 | 95.1 | 98.7 | 101.6 | 110.1 | 113.7 | 117.3 | 118.5 |
| 30-39 | 102.5 | 106.2 | 110.7 | 111.3 | 114.7 | 120.3 | 126.0 |
| 40-49 | 67.9 | 72.7 | 76.8 | 79.6 | 86.9 | 96.6 | 103.7 |
| 50-59 | 44.8 | 47.0 | 49.2 | 50.8 | 53.7 | 56.6 | 58.3 |
| 60-64 | 14.8 | 16.1 | 17.0 | 17.9 | 18.8 | 20.1 | 20.4 |
| 65-74 | 16.9 | 17.9 | 19.2 | 20.9 | 22.6 | 24.7 | 25.9 |
| 75+ | 9.1 | 9.9 | 10.5 | 11.7 | 12.5 | 14.1 | 15.7 |
| Total Population | 531.1 | 551.0 | 571.0 | 592.0 | 614.8 | 640.8 | 668.3 |
| Aged 15 and Over | 397.1 | 414.2 | 431.9 | 450.4 | 472.4 | 499.4 | 517.6 |
| Aged 20 and Over | 351.1 | 368.1 | 385.0 | 402.2 | 422.9 | 449.7 | 468.5 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 463.8 |
| | | | | 32,869 |
| | | | | 6,983 |
| | | | | 3,064 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,232 | 1,390 | 1,345 | 1,451 | 1,421 |
| n.a. | - | - | 1 | - |
| n.a. | 3 | 5 | 1 | 3 |
| 285 | 456 | 372 | 356 | 396 |
| 8 | 24 | 25 | 33 | 27 |
| 1,525 | 1,873 | 1,747 | 1,842 | 1,847 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 81 | 57 | 49 | 57 | 51 |
| 56 | 51 | 54 | 42 | 32 |
| - | 2 | 3 | 2 | 2 |
| 137 | 110 | 106 | 101 | 85 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7 | 7 | 3 | 2 | 4 |
| 74 | 54 | 52 | 29 | 41 |
| 29 | 17 | 16 | 15 | 14 |
| 17 | 13 | 31 | 16 | 22 |
| 5 | 3 | 14 | 7 | 2 |
| 132 | 94 | 116 | 69 | 83 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 6 | 2 | 3 | 3 | 8 |
| 84 | 97 | 88 | 80 | 112 |
| 19 | 9 | 25 | 15 | 15 |
| 32 | 27 | 42 | 33 | 36 |
| 3 | - | 3 | 3 | 1 |
| 144 | 135 | 161 | 134 | 172 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | 1 | - | - |
| 18 | 8 | 4 | 12 | 2 |
| 2 | - | - | - | - |
| 20 | 9 | 5 | 12 | 2 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 1 | - |
| 1 | 2 | 5 | 2 | 4 |
| 1 | - | - | - | - |
| 2 | 2 | 5 | 3 | 4 |

PERTH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 8.9 |
| | | | | 63,076 |
| | | | | 13,400 |
| | | | | 5,880 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,852.6 | 2,087.1 | 2,001.5 | 2,133.8 | 2,059.4 |
| n.a. | - | - | 1.5 | - |
| n.a. | 4.5 | 7.4 | 1.5 | 4.3 |
| 428.6 | 684.7 | 553.6 | 523.5 | 573.9 |
| 12.0 | 36.0 | 37.2 | 48.5 | 39.1 |
| 2,293.2 | 2,812.3 | 2,599.7 | 2,708.8 | 2,676.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 121.8 | 85.6 | 72.9 | 83.8 | 73.9 |
| 84.2 | 76.6 | 80.4 | 61.8 | 46.4 |
| - | 3.0 | 4.5 | 2.9 | 2.9 |
| 206.0 | 165.2 | 157.7 | 148.5 | 123.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.5 | 10.5 | 4.5 | 2.9 | 5.8 |
| 111.3 | 81.1 | 77.4 | 42.6 | 59.4 |
| 43.6 | 25.5 | 23.8 | 22.1 | 20.3 |
| 25.6 | 19.5 | 46.1 | 23.5 | 31.9 |
| 7.5 | 4.5 | 20.8 | 10.3 | 2.9 |
| 198.5 | 141.1 | 172.6 | 101.5 | 120.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.0 | 3.0 | 4.5 | 4.4 | 11.6 |
| 126.3 | 145.6 | 131.0 | 117.6 | 162.3 |
| 28.6 | 13.5 | 37.2 | 22.1 | 21.7 |
| 48.1 | 40.5 | 62.5 | 48.5 | 52.2 |
| 4.5 | - | 4.5 | 4.4 | 1.4 |
| 216.5 | 202.7 | 239.6 | 197.1 | 249.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1.5 | 1.5 | - | - |
| 27.1 | 12.0 | 6.0 | 17.6 | 2.9 |
| 3.0 | - | - | - | - |
| 30.1 | 13.5 | 7.4 | 17.6 | 2.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 1.5 | - |
| 1.5 | 3.0 | 7.4 | 2.9 | 5.8 |
| 1.5 | - | - | - | - |
| 3.0 | 3.0 | 7.4 | 4.4 | 5.8 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

PERTH

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 1 |
| 1 | 1 | 3 | 1 | 1 |
| 11 | 4 | 6 | 4 | 1 |
| 12 | 5 | 9 | 5 | 3 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 73 | 104 | 115 | 123 | 89 |
| — | — | — | — | — |
| 4 | 3 | 5 | 2 | 6 |
| 35 | 24 | 12 | 13 | 38 |
| 1 | 2 | — | 2 | — |
| 1 | 3 | 4 | 8 | 7 |
| 115 | 134 | 136 | 148 | 141 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | — | 1 | 2 | 4 |
| 2 | 4 | 4 | 8 | 3 |
| 1 | 6 | 2 | 7 | 3 |
| 14 | 14 | 21 | 23 | 19 |
| 7 | 10 | 3 | 7 | 9 |
| 11 | 19 | 14 | 20 | 17 |
| 37 | 53 | 45 | 67 | 55 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 3 | — | 4 | 1 | 1 |
| 10 | 12 | 12 | 12 | 6 |
| 3 | 8 | 12 | 12 | 3 |
| 13 | 10 | 13 | 14 | 11 |
| 4 | 1 | 4 | 2 | 3 |
| 16 | 11 | 16 | 15 | 15 |
| 49 | 42 | 61 | 56 | 39 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 5 | 2 | 1 | 4 | 2 |
| 1 | — | — | — | — |
| 6 | 2 | 1 | 4 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|---|---|----|---|
| — | — | — | — | — |
| 8 | 2 | 2 | 8 | — |
| 2 | 1 | 1 | 3 | 1 |
| 10 | 3 | 3 | 11 | 1 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | 1 | 1 | 1 |
| 2 | — | 1 | — | 1 |
| — | — | — | — | 1 |
| 3 | — | 2 | 1 | 3 |

PERTH

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | 1.5 |
| 1.5 | 1.5 | 4.5 | 1.5 | 1.5 |
| 16.6 | 6.0 | 9.0 | 6.0 | 1.5 |
| 18.2 | 7.5 | 13.5 | 7.4 | 4.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 110.2 | 155.6 | 170.7 | 181.0 | 129.5 |
| — | — | — | — | — |
| 6.2 | 4.3 | 7.8 | 3.6 | 8.7 |
| 52.1 | 35.6 | 18.2 | 18.5 | 55.7 |
| 2.0 | 2.3 | — | 3.0 | — |
| 1.9 | 3.8 | 5.4 | 11.7 | 10.1 |
| 172.5 | 201.6 | 202.1 | 217.8 | 204.0 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| 3.0 | — | 1.5 | 2.9 | 5.8 |
| 3.0 | 6.0 | 6.0 | 11.8 | 4.3 |
| 1.5 | 9.0 | 3.0 | 10.3 | 4.3 |
| 21.1 | 21.0 | 31.3 | 33.8 | 27.5 |
| 10.5 | 15.0 | 4.5 | 10.3 | 13.0 |
| 16.5 | 28.5 | 20.8 | 29.4 | 24.6 |
| 55.6 | 79.6 | 67.0 | 98.5 | 79.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| 4.5 | — | 6.0 | 1.5 | 1.4 |
| 15.0 | 18.0 | 17.9 | 17.6 | 8.7 |
| 4.5 | 12.0 | 17.9 | 17.6 | 4.3 |
| 19.5 | 15.0 | 19.3 | 20.6 | 15.9 |
| 6.0 | 1.5 | 6.0 | 2.9 | 4.3 |
| 24.1 | 16.5 | 23.8 | 22.1 | 21.7 |
| 73.7 | 63.1 | 90.8 | 82.4 | 56.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985—86 | 1986—87 | 1987—88 | 1988—89 | 1989—90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 7.5 | 3.0 | 1.5 | 5.9 | 2.9 |
| 1.5 | — | — | — | — |
| 9.0 | 3.0 | 1.5 | 5.9 | 2.9 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|------|-----|-----|------|-----|
| — | — | — | — | — |
| 12.0 | 3.0 | 3.0 | 11.8 | — |
| 3.0 | 1.5 | 1.5 | 4.4 | 1.4 |
| 15.0 | 4.5 | 4.5 | 16.2 | 1.4 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

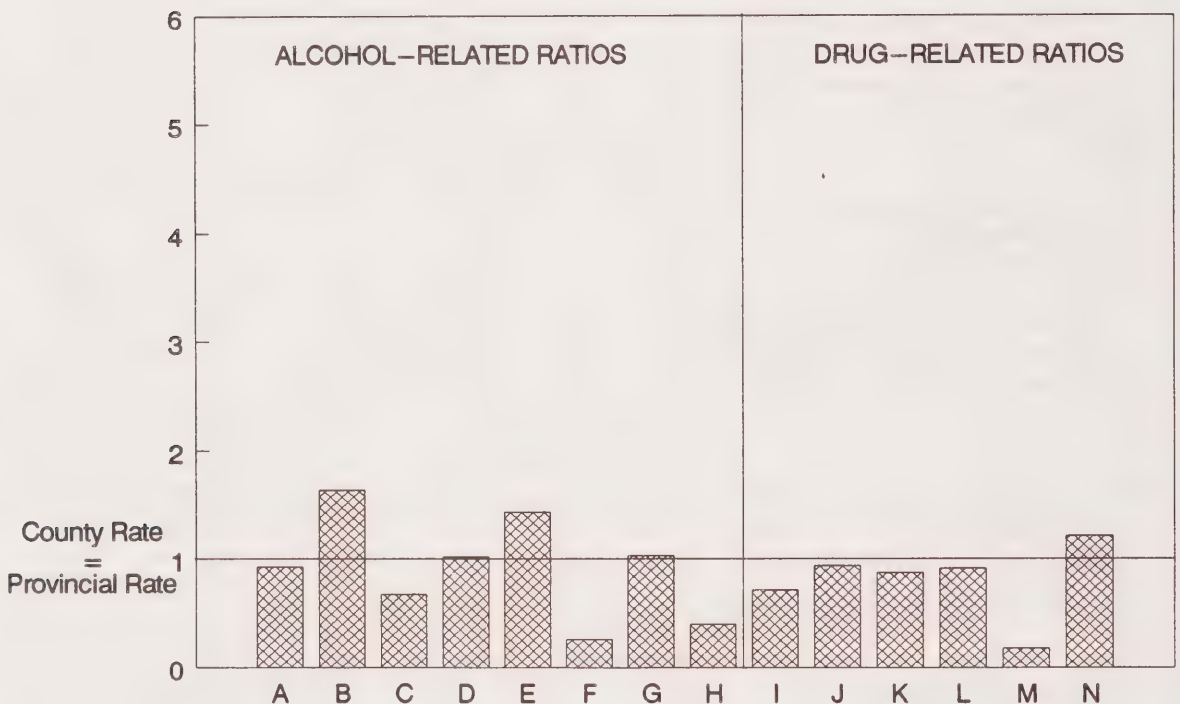
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.5 | — | 1.5 | 1.5 | 1.5 |
| 3.0 | — | 1.5 | — | 1.5 |
| — | — | — | — | 1.5 |
| 4.5 | — | 3.0 | 1.5 | 4.4 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

PERTH

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | (in thousands) | | | | | | |
| 0- 9 | 9.7 | 9.8 | 9.7 | 10.1 | 9.2 | 9.2 | 9.6 |
| 10-14 | 5.1 | 5.0 | 5.0 | 5.1 | 4.5 | 4.4 | 4.5 |
| 15-19 | 5.9 | 5.5 | 5.1 | 5.2 | 5.4 | 5.2 | 4.8 |
| 20-29 | 11.1 | 11.4 | 11.9 | 10.9 | 11.3 | 11.3 | 11.1 |
| 30-39 | 8.9 | 9.1 | 9.4 | 9.7 | 10.1 | 10.4 | 10.9 |
| 40-49 | 6.6 | 6.6 | 6.8 | 6.9 | 7.5 | 8.0 | 8.6 |
| 50-59 | 6.5 | 6.5 | 6.3 | 6.3 | 6.5 | 6.4 | 6.2 |
| 60-64 | 3.2 | 3.3 | 3.2 | 3.2 | 3.3 | 3.3 | 3.2 |
| 65-74 | 5.0 | 5.0 | 5.1 | 5.3 | 5.3 | 5.7 | 5.6 |
| 75+ | 3.9 | 3.9 | 4.0 | 4.0 | 4.2 | 4.3 | 4.5 |
| Total Population | 65.9 | 66.1 | 66.5 | 66.6 | 67.2 | 68.0 | 69.0 |
| Aged 15 and Over | 51.1 | 51.3 | 51.8 | 51.4 | 53.5 | 54.4 | 54.9 |
| Aged 20 and Over | 45.2 | 45.8 | 46.7 | 46.2 | 48.1 | 49.2 | 50.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

PETERBOROUGH

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| | 1988-89 |
|-----------------------------------|---------|
| Litres (thousands) | 1,013.1 |
| Estimated Low Risk Consumers | 47,307 |
| Estimated Moderate Risk Consumers | 16,222 |
| Estimated High Risk Consumers | 7,536 |

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|--|--------------|--------------|--------------|--------------|--------------|
| Liquor Act | 1,471 | 1,718 | 1,577 | 1,243 | 1,150 |
| Impaired Operation Causing Death | n.a. | 2 | - | 4 | - |
| Impaired Operation Causing Bodily Harm | n.a. | 9 | 10 | 11 | 8 |
| Impaired Operation Over 80 mg% | 815 | 766 | 715 | 820 | 852 |
| Fail/Refuse to Provide Breath/Blood Sample | 10 | 13 | 11 | 19 | 19 |
| Total | 2,296 | 2,508 | 2,313 | 2,097 | 2,029 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------------------|------------|------------|------------|------------|------------|
| Resulting in Property Damage | 143 | 87 | 120 | 139 | 127 |
| Resulting in Personal Injury | 145 | 137 | 130 | 106 | 111 |
| Resulting in Fatalities | 2 | 7 | 5 | 9 | - |
| Total | 290 | 231 | 255 | 254 | 238 |

HOSPITAL SEPARATIONS

| | General Hospitals | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------------------------|-------------------|------------|------------|------------|------------|------------|
| | | | | | | |
| Primary Diagnoses | | | | | | |
| Alcoholic Psychoses | | 15 | 14 | 16 | 16 | 23 |
| Alcohol Dependence Syndrome | | 103 | 98 | 79 | 71 | 66 |
| Nondependent Abuse of Alcohol | | 12 | 4 | 5 | 10 | 6 |
| Chronic Liver Disease and Cirrhosis | | 36 | 41 | 26 | 41 | 30 |
| Toxic Effects of Alcohol | | 4 | 2 | 2 | 2 | 1 |
| Total | | 170 | 159 | 128 | 140 | 126 |
| Secondary Diagnoses | | | | | | |
| Alcoholic Psychoses | | 14 | 9 | 10 | 8 | 12 |
| Alcohol Dependence Syndrome | | 127 | 156 | 110 | 145 | 143 |
| Nondependent Abuse of Alcohol | | 8 | 6 | 5 | 9 | 4 |
| Chronic Liver Disease and Cirrhosis | | 52 | 38 | 44 | 52 | 59 |
| Toxic Effects of Alcohol | | - | 2 | 1 | 3 | 1 |
| Total | | 201 | 211 | 170 | 217 | 219 |

| | Mental Hospitals | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------------------|------------------|----------|----------|----------|----------|----------|
| | | | | | | |
| Primary Diagnoses | | | | | | |
| Alcoholic Psychoses | | 1 | - | - | 1 | 1 |
| Alcohol Dependence Syndrome | | 6 | 2 | 7 | 4 | 7 |
| Nondependent Abuse of Alcohol | | - | - | - | - | 1 |
| Total | | 7 | 2 | 7 | 5 | 9 |
| Secondary Diagnoses | | | | | | |
| Alcoholic Psychoses | | - | - | - | - | - |
| Alcohol Dependence Syndrome | | 7 | 1 | 4 | 2 | 4 |
| Nondependent Abuse of Alcohol | | 1 | 1 | - | 1 | - |
| Total | | 8 | 2 | 4 | 3 | 4 |

PETERBOROUGH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.7 |
| | | | | 54,823 |
| | | | | 18,799 |
| | | | | 8,733 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,410.4 | 1,634.6 | 1,471.1 | 1,132.1 | 1,015.9 |
| n.a. | 1.9 | - | 3.6 | - |
| n.a. | 8.6 | 9.3 | 10.0 | 7.1 |
| 781.4 | 728.8 | 667.0 | 746.8 | 752.7 |
| 9.6 | 12.4 | 10.3 | 17.3 | 16.8 |
| 2,201.3 | 2,386.3 | 2,157.6 | 1,909.8 | 1,792.4 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 137.1 | 82.8 | 111.9 | 126.6 | 112.2 |
| 139.0 | 130.4 | 121.3 | 96.5 | 98.1 |
| 1.9 | 6.7 | 4.7 | 8.2 | - |
| 278.0 | 219.8 | 237.9 | 231.3 | 210.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.4 | 13.3 | 14.9 | 14.6 | 20.3 |
| 98.8 | 93.2 | 73.7 | 64.7 | 58.3 |
| 11.5 | 3.8 | 4.7 | 9.1 | 5.3 |
| 34.5 | 39.0 | 24.3 | 37.3 | 26.5 |
| 3.8 | 1.9 | 1.9 | 1.8 | 0.9 |
| 163.0 | 151.3 | 119.4 | 127.5 | 111.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.4 | 8.6 | 9.3 | 7.3 | 10.6 |
| 121.8 | 148.4 | 102.6 | 132.1 | 126.3 |
| 7.7 | 5.7 | 4.7 | 8.2 | 3.5 |
| 49.9 | 36.2 | 41.0 | 47.4 | 52.1 |
| - | 1.9 | 0.9 | 2.7 | 0.9 |
| 192.7 | 200.8 | 158.6 | 197.6 | 193.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.0 | - | - | 0.9 | 0.9 |
| 5.8 | 1.9 | 6.5 | 3.6 | 6.2 |
| - | - | - | - | 0.9 |
| 6.7 | 1.9 | 6.5 | 4.6 | 8.0 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 6.7 | 1.0 | 3.7 | 1.8 | 3.5 |
| 1.0 | 1.0 | - | 0.9 | - |
| 7.7 | 1.9 | 3.7 | 2.7 | 3.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

General Hospitals

Mental Hospitals

PETERBOROUGH

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 1 | — |
| 1 | 2 | — | 4 | 2 |
| 6 | 12 | 13 | 8 | 7 |
| 7 | 14 | 13 | 13 | 9 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 112 | 72 | 116 | 140 | 159 |
| — | — | — | — | — |
| 1 | 8 | 7 | 15 | 7 |
| 28 | 18 | 24 | 35 | 9 |
| — | — | 2 | — | 1 |
| 4 | 3 | 12 | 8 | 14 |
| 145 | 101 | 161 | 197 | 190 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 2 | 6 | 3 | 3 |
| 8 | 16 | 9 | 11 | 10 |
| 6 | 3 | 5 | 7 | 6 |
| 14 | 11 | 20 | 32 | 21 |
| 9 | 4 | 3 | 7 | 6 |
| 30 | 20 | 10 | 25 | 25 |
| 69 | 56 | 53 | 85 | 71 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1 | 2 | 3 | 3 | 3 |
|-----|-----|-----|-----|-----|
| 9 | 17 | 13 | 13 | 16 |
| 66 | 73 | 118 | 121 | 114 |
| 22 | 11 | 12 | 13 | 21 |
| 3 | 3 | 6 | 9 | 5 |
| 13 | 20 | 6 | 17 | 12 |
| 114 | 126 | 158 | 176 | 171 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | 1 | — |
| — | 1 | 1 | — | 3 |
| 1 | — | — | — | 1 |
| 1 | 1 | 1 | 1 | 4 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| — | — | — | 1 | — |
|---|---|---|---|---|
| 1 | 3 | 4 | 4 | 6 |
| — | 1 | 1 | — | — |
| 1 | 4 | 5 | 5 | 6 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | — | 3 | 3 | 1 |
| 3 | — | 3 | 5 | 3 |
| — | — | — | — | — |
| 5 | — | 6 | 8 | 4 |

PETERBOROUGH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 0.9 | — |
| 1.0 | 1.9 | — | 3.7 | 1.8 |
| 5.8 | 11.5 | 12.4 | 7.5 | 6.4 |
| 6.7 | 13.4 | 12.4 | 12.1 | 8.2 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 107.2 | 68.4 | 108.2 | 127.3 | 140.8 |
| — | — | — | — | — |
| 1.3 | 8.1 | 6.1 | 13.4 | 6.3 |
| 26.6 | 16.9 | 22.8 | 31.5 | 7.5 |
| — | — | 1.4 | — | 1.3 |
| 3.7 | 2.4 | 11.3 | 7.2 | 12.4 |
| 138.8 | 95.8 | 149.9 | 179.5 | 168.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | 1.9 | 5.6 | 2.7 | 2.7 |
| 7.7 | 15.2 | 8.4 | 10.0 | 8.8 |
| 5.8 | 2.9 | 4.7 | 6.4 | 5.3 |
| 13.4 | 10.5 | 18.7 | 29.1 | 18.6 |
| 8.6 | 3.8 | 2.8 | 6.4 | 5.3 |
| 28.8 | 19.0 | 9.3 | 22.8 | 22.1 |
| 66.2 | 53.3 | 49.4 | 77.4 | 62.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.0 | 1.9 | 2.8 | 2.7 | 2.7 |
| 8.6 | 16.2 | 12.1 | 11.8 | 14.1 |
| 63.3 | 69.5 | 110.1 | 110.2 | 100.7 |
| 21.1 | 10.5 | 11.2 | 11.8 | 18.6 |
| 2.9 | 2.9 | 5.6 | 8.2 | 4.4 |
| 12.5 | 19.0 | 5.6 | 15.5 | 10.6 |
| 109.3 | 119.9 | 147.4 | 160.3 | 151.1 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | 0.9 | — |
| — | 1.0 | 0.9 | — | 2.7 |
| 1.0 | — | — | — | 0.9 |
| 1.0 | 1.0 | 0.9 | 0.9 | 3.5 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | 0.9 | — |
| 1.0 | 2.9 | 3.7 | 3.6 | 5.3 |
| — | 1.0 | 0.9 | — | — |
| 1.0 | 3.8 | 4.7 | 4.6 | 5.3 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

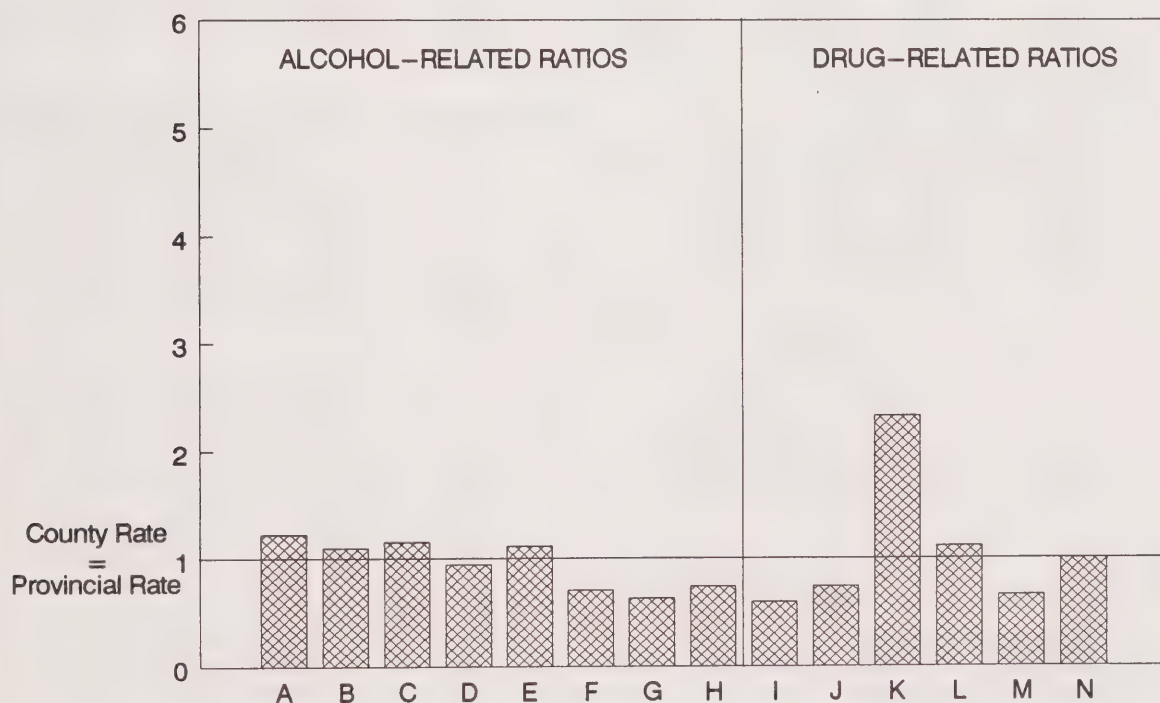
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.9 | — | 2.9 | 2.8 | 0.9 |
| 2.9 | — | 2.9 | 4.7 | 2.7 |
| — | — | — | — | — |
| 4.8 | — | 5.7 | 7.5 | 3.6 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

PETERBOROUGH

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 13.6 | 13.6 | 13.7 | 13.9 | 14.3 | 14.8 | 15.2 |
| 10-14 | 7.7 | 7.5 | 7.3 | 7.2 | 7.4 | 7.5 | 7.6 |
| 15-19 | 8.8 | 8.5 | 8.3 | 7.9 | 8.1 | 8.1 | 8.3 |
| 20-29 | 16.4 | 16.5 | 16.5 | 16.0 | 16.3 | 16.5 | 16.8 |
| 30-39 | 14.8 | 15.1 | 15.5 | 15.8 | 15.9 | 16.4 | 17.1 |
| 40-49 | 10.8 | 11.0 | 11.3 | 11.7 | 11.8 | 12.3 | 12.8 |
| 50-59 | 11.2 | 11.1 | 10.6 | 11.0 | 11.2 | 11.3 | 11.6 |
| 60-64 | 5.8 | 6.0 | 5.9 | 6.1 | 6.2 | 6.4 | 6.5 |
| 65-74 | 9.1 | 9.3 | 9.6 | 9.9 | 10.2 | 10.5 | 10.9 |
| 75+ | 5.0 | 5.4 | 5.6 | 5.7 | 5.9 | 6.1 | 6.4 |
| Total Population | 103.1 | 103.8 | 104.3 | 105.1 | 107.2 | 109.8 | 113.2 |
| Aged 15 and Over | 81.8 | 82.7 | 83.3 | 84.0 | 85.5 | 87.5 | 90.4 |
| Aged 20 and Over | 73.0 | 74.2 | 75.0 | 76.1 | 77.4 | 79.4 | 82.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 341.9 |
| | | | | 33,001 |
| | | | | 4,855 |
| | | | | 2,094 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 302 | 358 | 416 | 427 | 428 |
| n.a. | - | - | 1 | 1 |
| n.a. | 4 | 3 | 3 | 4 |
| 254 | 252 | 258 | 298 | 333 |
| 7 | 25 | 25 | 36 | 26 |
| 563 | 639 | 702 | 765 | 792 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 78 | 47 | 46 | 51 | 55 |
| 75 | 80 | 60 | 58 | 51 |
| 6 | 2 | 10 | 6 | 7 |
| 159 | 129 | 116 | 115 | 113 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 1 | 4 | 5 | 5 |
| 19 | 9 | 21 | 26 | 18 |
| 1 | 2 | 4 | 3 | 2 |
| 8 | 18 | 13 | 18 | 18 |
| 1 | - | - | 2 | 2 |
| 33 | 30 | 42 | 54 | 45 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| | | | | |
|----|----|----|-----|-----|
| 5 | 3 | 5 | 7 | 13 |
| 53 | 55 | 59 | 82 | 51 |
| 1 | 2 | 4 | 5 | 5 |
| 23 | 21 | 24 | 23 | 32 |
| 1 | - | - | 1 | 1 |
| 83 | 81 | 92 | 118 | 102 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | - | - |
| 2 | - | 2 | 3 | - |
| - | - | - | - | - |
| 2 | 1 | 2 | 3 | - |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

PRESCOTT and RUSSELL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 7.0 |
| | | | | 68,015 |
| | | | | 10,006 |
| | | | | 4,316 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 534.5 | 621.5 | 705.1 | 701.1 | 677.2 |
| n.a. | — | — | 1.6 | 1.6 |
| n.a. | 6.9 | 5.1 | 4.9 | 6.3 |
| 449.6 | 437.5 | 437.3 | 489.3 | 526.9 |
| 12.4 | 43.4 | 42.4 | 59.1 | 41.1 |
| 996.5 | 1,109.4 | 1,189.8 | 1,256.2 | 1,253.2 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 138.1 | 81.6 | 78.0 | 83.7 | 87.0 |
| 132.7 | 138.9 | 101.7 | 95.2 | 80.7 |
| 10.6 | 3.5 | 16.9 | 9.9 | 11.1 |
| 281.4 | 224.0 | 196.6 | 188.8 | 178.8 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.1 | 1.7 | 6.8 | 8.2 | 7.9 |
| 33.6 | 15.6 | 35.6 | 42.7 | 28.5 |
| 1.8 | 3.5 | 6.8 | 4.9 | 3.2 |
| 14.2 | 31.3 | 22.0 | 29.6 | 28.5 |
| 1.8 | — | — | 3.3 | 3.2 |
| 58.4 | 52.1 | 71.2 | 88.7 | 71.2 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 8.8 | 5.2 | 8.5 | 11.5 | 20.6 |
| 93.8 | 95.5 | 100.0 | 134.6 | 80.7 |
| 1.8 | 3.5 | 6.8 | 8.2 | 7.9 |
| 40.7 | 36.5 | 40.7 | 37.8 | 50.6 |
| 1.8 | — | — | 1.6 | 1.6 |
| 146.9 | 140.6 | 155.9 | 193.8 | 161.4 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1.7 | — | — | — |
| 3.5 | — | 3.4 | 4.9 | — |
| — | — | — | — | — |
| 3.5 | 1.7 | 3.4 | 4.9 | — |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 2 | - | 1 | 1 | 2 |
| 5 | 3 | 4 | 4 | 3 |
| 7 | 3 | 5 | 5 | 5 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 56 | 56 | 39 | 48 | 36 |
| 1 | 1 | 3 | 3 | 6 |
| 3 | 20 | 56 | 22 | 38 |
| 28 | 12 | 61 | 3 | 17 |
| - | - | 2 | - | 1 |
| 1 | 5 | 4 | 1 | 1 |
| 89 | 94 | 165 | 77 | 100 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 4 | 5 | 2 | 1 |
| 6 | 3 | 13 | 16 | 8 |
| 2 | 5 | 12 | 4 | 6 |
| 10 | 7 | 11 | 9 | 8 |
| 6 | 7 | 6 | 12 | 6 |
| 11 | 11 | 17 | 14 | 12 |
| 40 | 37 | 64 | 57 | 41 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 2 | 3 | 2 | 1 |
| 10 | 9 | 15 | 8 | 4 |
| 26 | 30 | 28 | 38 | 29 |
| 5 | 12 | 6 | 12 | 10 |
| 4 | 6 | 5 | 5 | 2 |
| 5 | 8 | 12 | 9 | 9 |
| 52 | 67 | 69 | 74 | 55 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | - | - |
| - | - | 16 | - | - |
| - | - | 1 | - | - |
| - | - | 18 | - | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| 1 | - | - | - | - |
| - | - | - | 1 | - |
| - | - | - | - | - |
| 1 | - | - | 1 | - |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | 1 | - | 2 |
| 3 | - | 5 | 1 | 3 |
| - | - | - | - | - |
| 3 | 1 | 6 | 1 | 5 |

PRESCOTT and RUSSELL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | — | — | — | — | — |
| Alcohol Dependence Syndrome | 3.6 | — | 1.7 | 1.7 | 3.3 |
| Chronic Liver Disease and Cirrhosis | 9.0 | 5.3 | 6.9 | 6.8 | 4.9 |
| County | 12.6 | 5.3 | 8.7 | 8.5 | 8.2 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 98.9 | 97.3 | 66.2 | 78.5 | 57.3 |
| Heroin | 2.3 | 2.1 | 4.7 | 4.4 | 9.6 |
| Cocaine | 4.9 | 34.4 | 95.5 | 36.3 | 60.6 |
| Other Drugs | 49.1 | 20.6 | 103.7 | 5.2 | 27.0 |
| Controlled Drugs | — | — | 2.6 | — | 2.2 |
| Restricted Drugs | 2.3 | 8.8 | 6.2 | 2.2 | 2.2 |
| County | 157.5 | 163.2 | 278.9 | 126.5 | 159.0 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| <u>Primary Diagnoses</u> | | | | | |
| Drug Psychoses | 8.8 | 6.9 | 8.5 | 3.3 | 1.6 |
| Drug Dependence | 10.6 | 5.2 | 22.0 | 26.3 | 12.7 |
| Nondependent Abuse of Drugs | 3.5 | 8.7 | 20.3 | 6.6 | 9.5 |
| Poisoning by Analgesics, Antipyretics... | 17.7 | 12.2 | 18.6 | 14.8 | 12.7 |
| Poisoning by Sedatives and Hypnotics | 10.6 | 12.2 | 10.2 | 19.7 | 9.5 |
| Poisoning by Psychotropic Agents | 19.5 | 19.1 | 28.8 | 23.0 | 19.0 |
| County | 70.8 | 64.2 | 108.5 | 93.6 | 64.9 |
| Province | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Drug Psychoses | 3.5 | 3.5 | 5.1 | 3.3 | 1.6 |
| Drug Dependence | 17.7 | 15.6 | 25.4 | 13.1 | 6.3 |
| Nondependent Abuse of Drugs | 46.0 | 52.1 | 47.5 | 62.4 | 45.9 |
| Poisoning by Analgesics, Antipyretics... | 8.8 | 20.8 | 10.2 | 19.7 | 15.8 |
| Poisoning by Sedatives and Hypnotics | 7.1 | 10.4 | 8.5 | 8.2 | 3.2 |
| Poisoning by Psychotropic Agents | 8.8 | 13.9 | 20.3 | 14.8 | 14.2 |
| County | 92.0 | 116.3 | 116.9 | 121.5 | 87.0 |
| Province | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| <u>Primary Diagnoses</u> | | | | | |
| Drug Psychoses | — | — | 1.7 | — | — |
| Drug Dependence | — | — | 27.1 | — | — |
| Nondependent Abuse of Drugs | — | — | 1.7 | — | — |
| County | — | — | 30.5 | — | — |
| Province | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Drug Psychoses | 1.8 | — | — | — | — |
| Drug Dependence | — | — | — | 1.6 | — |
| Nondependent Abuse of Drugs | — | — | — | — | — |
| County | 1.8 | — | — | 1.6 | — |
| Province | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

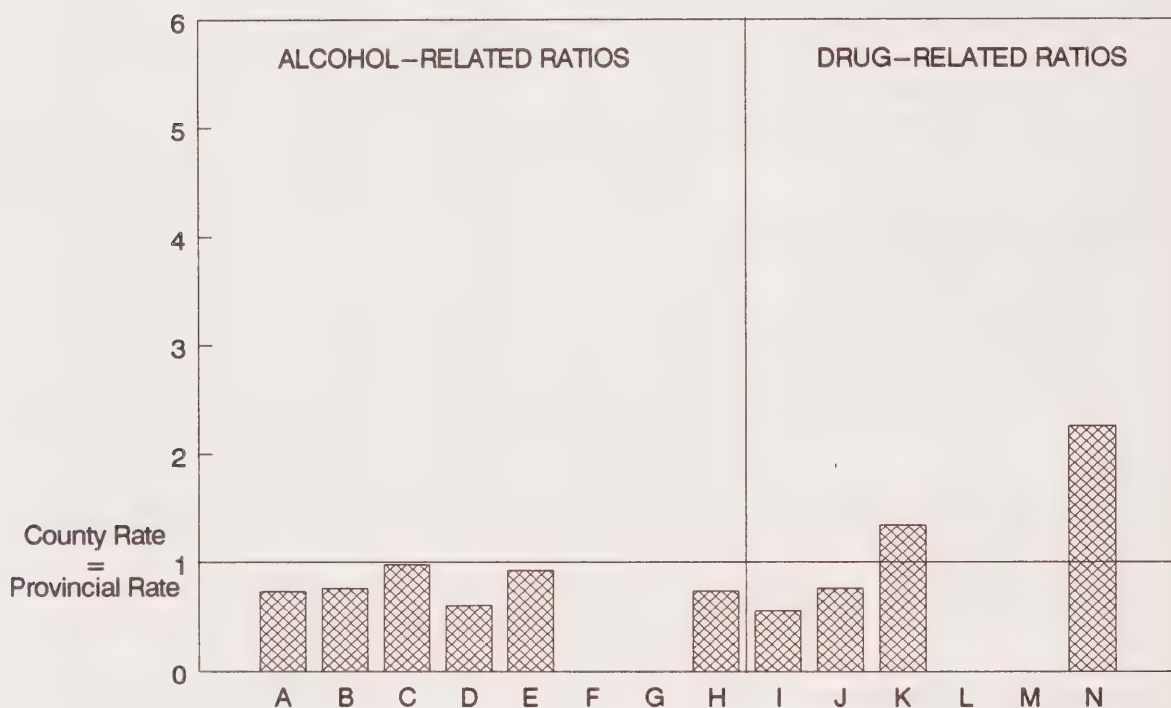
From Drugs, Medicaments & Biologicals

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------------|------|------|------|------|------|
| Accidental Poisoning | — | 1.8 | 1.7 | — | 3.3 |
| Suicide | 5.4 | — | 8.7 | 1.7 | 4.9 |
| Undetermined | — | — | — | — | — |
| County | 5.4 | 1.8 | 10.4 | 1.7 | 8.2 |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 8.0 | 8.3 | 8.5 | 8.8 | 9.0 | 9.6 | 9.7 |
| 10-14 | 4.4 | 4.4 | 4.2 | 4.4 | 4.4 | 4.3 | 4.7 |
| 15-19 | 5.2 | 4.8 | 4.7 | 4.5 | 4.7 | 4.7 | 4.7 |
| 20-29 | 9.2 | 9.3 | 9.1 | 9.9 | 10.1 | 10.4 | 10.6 |
| 30-39 | 9.0 | 9.6 | 10.2 | 9.9 | 10.3 | 10.4 | 11.1 |
| 40-49 | 5.7 | 6.1 | 6.5 | 7.2 | 7.3 | 8.0 | 7.8 |
| 50-59 | 4.7 | 4.8 | 4.9 | 4.9 | 4.8 | 4.8 | 5.2 |
| 60-64 | 2.1 | 2.2 | 2.2 | 2.3 | 2.2 | 2.1 | 2.5 |
| 65-74 | 3.4 | 3.4 | 3.6 | 3.6 | 3.7 | 3.8 | 4.0 |
| 75+ | 2.3 | 2.5 | 2.9 | 2.5 | 2.5 | 2.7 | 2.9 |
| Total Population | 54.0 | 55.6 | 56.5 | 57.6 | 59.0 | 60.9 | 63.2 |
| Aged 15 and Over | 41.6 | 42.9 | 43.8 | 44.4 | 45.6 | 47.0 | 48.8 |
| Aged 20 and Over | 36.4 | 38.1 | 39.1 | 39.9 | 40.9 | 42.3 | 44.1 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

PRINCE EDWARD

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 128.0 |
| | | | | 12,499 |
| | | | | 1,808 |
| | | | | 782 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 372 | 302 | 345 | 420 | 383 |
| n.a. | - | - | - | - |
| n.a. | 2 | 2 | - | - |
| 160 | 115 | 96 | 117 | 119 |
| 3 | 16 | 8 | 9 | 8 |
| 535 | 435 | 451 | 546 | 510 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 33 | 21 | 25 | 20 | 27 |
| 42 | 29 | 29 | 31 | 19 |
| 2 | 3 | 2 | - | 2 |
| 77 | 53 | 56 | 51 | 48 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 3 | 1 | 4 | 2 |
| 12 | 11 | 12 | 12 | 14 |
| 4 | 3 | 3 | 2 | 3 |
| 4 | 4 | 4 | 9 | 10 |
| - | - | - | - | - |
| 20 | 21 | 20 | 27 | 29 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|----|----|----|----|
| 5 | 4 | 1 | 6 | 3 |
| 36 | 28 | 25 | 20 | 18 |
| 5 | 5 | 4 | 10 | 8 |
| 13 | 26 | 14 | 15 | 23 |
| - | - | 1 | - | 2 |
| 59 | 63 | 45 | 51 | 54 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 2 | - | - | 1 | 2 |
| - | - | - | - | - |
| 2 | - | - | 1 | 2 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 1 | - |
| 1 | 2 | 3 | 2 | 4 |
| - | - | - | - | - |
| 1 | 2 | 3 | 3 | 4 |

PRINCE EDWARD

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 7.0 |
| | | | | 68,226 |
| | | | | 9,869 |
| | | | | 4,269 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,653.3 | 1,348.2 | 1,526.5 | 1,842.1 | 1,665.2 |
| n.a. | - | - | - | - |
| n.a. | 8.9 | 8.8 | - | - |
| 711.1 | 513.4 | 424.8 | 513.2 | 517.4 |
| 13.3 | 71.4 | 35.4 | 39.5 | 34.8 |
| 2,377.8 | 1,942.0 | 1,995.6 | 2,394.7 | 2,217.4 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 146.7 | 93.7 | 110.6 | 87.7 | 117.4 |
| 186.7 | 129.5 | 128.3 | 136.0 | 82.6 |
| 8.9 | 13.4 | 8.8 | - | 8.7 |
| 342.2 | 236.6 | 247.8 | 223.7 | 208.7 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 13.4 | 4.4 | 17.5 | 8.7 |
| 53.3 | 49.1 | 53.1 | 52.6 | 60.9 |
| 17.8 | 13.4 | 13.3 | 8.8 | 13.0 |
| 17.8 | 17.9 | 17.7 | 39.5 | 43.5 |
| - | - | - | - | - |
| 88.9 | 93.7 | 88.5 | 118.4 | 126.1 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 22.2 | 17.9 | 4.4 | 26.3 | 13.0 |
| 160.0 | 125.0 | 110.6 | 87.7 | 78.3 |
| 22.2 | 22.3 | 17.7 | 43.9 | 34.8 |
| 57.8 | 116.1 | 61.9 | 65.8 | 100.0 |
| - | - | 4.4 | - | 8.7 |
| 262.2 | 281.3 | 199.1 | 223.7 | 234.8 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 8.9 | - | - | 4.4 | 8.7 |
| - | - | - | - | - |
| 8.9 | - | - | 4.4 | 8.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|------|------|------|
| - | - | - | 4.4 | - |
| 4.4 | 8.9 | 13.3 | 8.8 | 17.4 |
| - | - | - | - | - |
| 4.4 | 8.9 | 13.3 | 13.2 | 17.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

PRINCE EDWARD

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | 2 | 1 | - | - |
| 1 | 4 | 1 | 3 | - |
| 1 | 6 | 2 | 3 | - |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 78 | 38 | 50 | 25 | 34 |
| - | - | - | - | 1 |
| 1 | - | 4 | - | 2 |
| - | - | 12 | 6 | - |
| 4 | - | - | - | - |
| 1 | 1 | - | 1 | 8 |
| 85 | 39 | 67 | 33 | 46 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | - | 2 | 1 |
| 1 | - | 3 | - | 2 |
| - | - | 2 | 2 | 1 |
| 8 | 4 | 4 | 7 | 3 |
| 2 | 1 | 2 | 2 | 1 |
| 7 | 5 | 3 | 4 | 2 |
| 19 | 10 | 14 | 17 | 10 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|---|----|----|
| - | - | 2 | 1 | 1 |
| - | 2 | - | 1 | 3 |
| 2 | 3 | 2 | 6 | 4 |
| 11 | 2 | 2 | 6 | 5 |
| - | 3 | - | 1 | 2 |
| 1 | 4 | 1 | 5 | 3 |
| 14 | 14 | 7 | 20 | 18 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | 1 |
| - | - | - | 1 | 1 |
| - | - | - | - | - |
| - | - | - | 1 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | 1 | - | - |
| - | - | 1 | 1 | - |
| - | - | - | - | - |
| - | - | 2 | 1 | - |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

PRINCE EDWARD

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | 8.9 | 4.5 | — | — |
| 4.5 | 17.8 | 4.5 | 13.3 | — |
| 4.5 | 26.7 | 8.9 | 13.3 | — |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 347.7 | 168.7 | 223.0 | 110.1 | 146.9 |
| — | — | — | — | 5.3 |
| 6.1 | — | 17.4 | — | 10.4 |
| — | — | 54.1 | 27.6 | — |
| 17.8 | — | — | — | — |
| 5.8 | 5.6 | — | 5.8 | 36.5 |
| 377.4 | 174.3 | 294.6 | 143.4 | 199.2 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.4 | — | — | 8.8 | 4.3 |
| 4.4 | — | 13.3 | — | 8.7 |
| — | — | 8.8 | 8.8 | 4.3 |
| 35.6 | 17.9 | 17.7 | 30.7 | 13.0 |
| 8.9 | 4.5 | 8.8 | 8.8 | 4.3 |
| 31.1 | 22.3 | 13.3 | 17.5 | 8.7 |
| 84.4 | 44.6 | 61.9 | 74.6 | 43.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| — | — | 8.8 | 4.4 | 4.3 |
| — | 8.9 | — | 4.4 | 13.0 |
| 8.9 | 13.4 | 8.8 | 26.3 | 17.4 |
| 48.9 | 8.9 | 8.8 | 26.3 | 21.7 |
| — | 13.4 | — | 4.4 | 8.7 |
| 4.4 | 17.9 | 4.4 | 21.9 | 13.0 |
| 62.2 | 62.5 | 31.0 | 87.7 | 78.3 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | 4.3 |
| — | — | — | 4.4 | 4.3 |
| — | — | — | — | — |
| — | — | — | 4.4 | 8.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | 4.4 | — | — |
| — | — | 4.4 | 4.4 | — |
| — | — | — | — | — |
| — | — | 8.8 | 4.4 | — |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

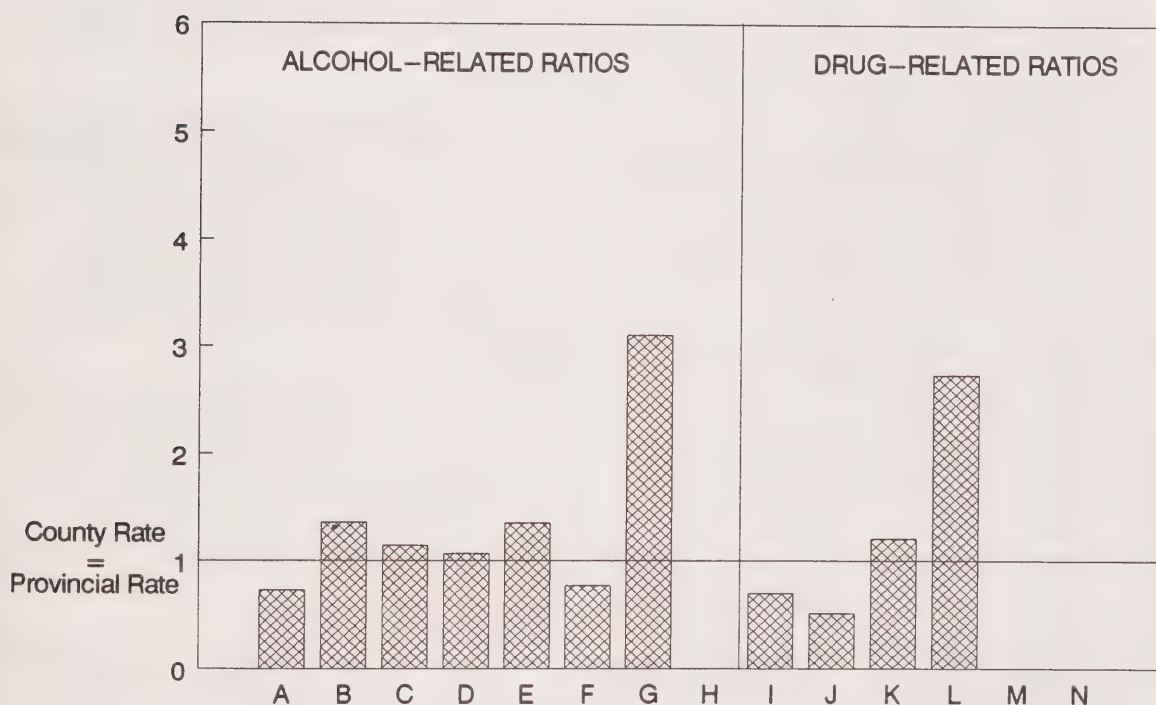
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

PRINCE EDWARD

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 2.8 | 2.8 | 2.8 | 2.8 | 3.3 | 3.0 | 3.0 |
| 10-14 | 1.5 | 1.5 | 1.4 | 1.5 | 1.8 | 1.6 | 1.6 |
| 15-19 | 2.1 | 1.9 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 |
| 20-29 | 3.5 | 3.5 | 3.7 | 3.2 | 3.1 | 3.3 | 3.1 |
| 30-39 | 3.0 | 3.2 | 3.2 | 3.2 | 3.0 | 3.0 | 3.4 |
| 40-49 | 2.4 | 2.4 | 2.4 | 2.5 | 2.6 | 2.7 | 2.6 |
| 50-59 | 2.6 | 2.6 | 2.4 | 2.5 | 2.3 | 2.4 | 2.5 |
| 60-64 | 1.3 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.4 |
| 65-74 | 2.1 | 2.0 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 |
| 75+ | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 |
| Total Population | 22.6 | 22.4 | 22.5 | 22.4 | 22.6 | 22.8 | 23.0 |
| Aged 15 and Over | 18.3 | 18.1 | 18.3 | 18.1 | 17.5 | 18.2 | 18.4 |
| Aged 20 and Over | 16.2 | 16.2 | 16.6 | 16.5 | 15.9 | 16.6 | 16.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

RAINY RIVER

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 190.3 |
| | | | | 10,448 |
| | | | | 2,995 |
| | | | | 1,356 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|------|------|------|
| 847 | 834 | 696 | 744 | 810 |
| n.a. | - | 2 | - | - |
| n.a. | 1 | - | 1 | 3 |
| 216 | 175 | 164 | 147 | 132 |
| 12 | 11 | 14 | 9 | 6 |
| 1,075 | 1,021 | 876 | 901 | 951 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 35 | 28 | 35 | 20 | 21 |
| 38 | 29 | 33 | 22 | 17 |
| 2 | 1 | 5 | 1 | 2 |
| 75 | 58 | 73 | 43 | 40 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 7 | 7 | 7 | 3 |
| 103 | 132 | 86 | 65 | 48 |
| 7 | 5 | 12 | 12 | 12 |
| 9 | 17 | 23 | 10 | 6 |
| 1 | 6 | 6 | 5 | 1 |
| 125 | 167 | 134 | 99 | 70 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|----|-----|-----|----|----|
| 1 | 4 | 7 | 2 | 4 |
| 78 | 69 | 70 | 49 | 32 |
| 4 | 8 | 7 | 8 | 4 |
| 9 | 19 | 18 | 17 | 17 |
| 1 | - | - | - | 1 |
| 93 | 100 | 102 | 76 | 58 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 3 | - | - | - |
| 20 | 2 | 18 | 12 | 5 |
| 1 | - | 1 | 3 | 8 |
| 21 | 5 | 19 | 15 | 13 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 6 | 4 | - | 1 | 5 |
| - | 1 | 2 | 3 | 1 |
| 6 | 5 | 2 | 4 | 6 |

RAINY RIVER

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 10.6 |
| | | | | 58,141 |
| | | | | 16,667 |
| | | | | 7,546 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 3,635.2 | 3,610.4 | 3,039.3 | 3,248.9 | 3,521.7 |
| n.a. | - | 8.7 | - | - |
| n.a. | 4.3 | - | 4.4 | 13.0 |
| 927.0 | 757.6 | 716.2 | 641.9 | 573.9 |
| 51.5 | 47.6 | 61.1 | 39.3 | 26.1 |
| 4,613.7 | 4,419.9 | 3,825.3 | 3,934.5 | 4,134.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 150.2 | 121.2 | 152.8 | 87.3 | 91.3 |
| 163.1 | 125.5 | 144.1 | 96.1 | 73.9 |
| 8.6 | 4.3 | 21.8 | 4.4 | 8.7 |
| 321.9 | 251.1 | 318.8 | 187.8 | 173.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 21.5 | 30.3 | 30.6 | 30.6 | 13.0 |
| 442.1 | 571.4 | 375.5 | 283.8 | 208.7 |
| 30.0 | 21.6 | 52.4 | 52.4 | 52.2 |
| 38.6 | 73.6 | 100.4 | 43.7 | 26.1 |
| 4.3 | 26.0 | 26.2 | 21.8 | 4.3 |
| 536.5 | 722.9 | 585.2 | 432.3 | 304.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 4.3 | 17.3 | 30.6 | 8.7 | 17.4 |
| 334.8 | 298.7 | 305.7 | 214.0 | 139.1 |
| 17.2 | 34.6 | 30.6 | 34.9 | 17.4 |
| 38.6 | 82.3 | 78.6 | 74.2 | 73.9 |
| 4.3 | - | - | - | 4.3 |
| 399.1 | 432.9 | 445.4 | 331.9 | 252.2 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 13.0 | - | - | - |
| 85.8 | 8.7 | 78.6 | 52.4 | 21.7 |
| 4.3 | - | 4.4 | 13.1 | 34.8 |
| 90.1 | 21.6 | 83.0 | 65.5 | 56.5 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|------|------|-----|------|------|
| - | - | - | - | - |
| 25.8 | 17.3 | - | 4.4 | 21.7 |
| - | 4.3 | 8.7 | 13.1 | 4.3 |
| 25.8 | 21.6 | 8.7 | 17.5 | 26.1 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

RAINY RIVER

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | 1 | - | - | - |
| 2 | 2 | 1 | 2 | 1 |
| 2 | 3 | 1 | 2 | 1 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 45 | 46 | 53 | 56 | 68 |
| - | - | - | - | - |
| - | 1 | - | - | 2 |
| 7 | - | - | 6 | 9 |
| - | 2 | - | - | - |
| - | 1 | 4 | 1 | 4 |
| 52 | 51 | 57 | 64 | 83 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 3 | 4 | 2 | 2 | 3 |
| - | 1 | 1 | - | 3 |
| 17 | 19 | 20 | 14 | 8 |
| 3 | 2 | 2 | - | - |
| 7 | 4 | 6 | 11 | 5 |
| 30 | 30 | 31 | 27 | 19 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|---|----|---|
| - | 1 | - | 1 | - |
| 7 | 4 | 5 | 1 | 2 |
| 13 | 6 | - | 4 | 6 |
| 1 | 3 | 1 | 2 | - |
| 1 | - | - | 1 | - |
| 3 | 1 | - | 1 | 1 |
| 25 | 15 | 6 | 10 | 9 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 3 | - | - |
| 4 | 3 | - | 2 | 1 |
| - | - | 3 | - | - |
| 5 | 3 | 6 | 2 | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 6 | 8 | 8 | 3 | 5 |
| - | - | - | - | - |
| 6 | 8 | 8 | 3 | 5 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | 1 | - |
| - | - | 1 | - | - |
| - | - | - | - | - |
| - | - | 1 | 1 | - |

RAINY RIVER

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | — | — | — | — | — |
| Alcohol Dependence Syndrome | — | 4.3 | — | — | — |
| Chronic Liver Disease and Cirrhosis | 8.5 | 8.6 | 4.3 | 8.7 | 4.4 |
| County | 8.5 | 12.9 | 4.3 | 8.7 | 4.4 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 191.9 | 200.5 | 231.1 | 245.2 | 293.9 |
| Heroin | — | — | — | — | — |
| Cocaine | — | 6.1 | — | — | 10.4 |
| Other Drugs | 29.8 | — | — | 27.5 | 37.1 |
| Controlled Drugs | — | 6.8 | — | — | — |
| Restricted Drugs | — | 5.5 | 15.9 | 5.8 | 18.3 |
| County | 221.6 | 218.8 | 247.1 | 278.5 | 359.7 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Primary Diagnoses | — | — | — | — | — |
| Drug Psychoses | 12.9 | 17.3 | 8.7 | 8.7 | 13.0 |
| Drug Dependence | — | 4.3 | 4.4 | — | 13.0 |
| Nondependent Abuse of Drugs | 73.0 | 82.3 | 87.3 | 61.1 | 34.8 |
| Poisoning by Analgesics, Antipyretics... | 12.9 | 8.7 | 8.7 | — | — |
| Poisoning by Sedatives and Hypnotics | 30.0 | 17.3 | 26.2 | 48.0 | 21.7 |
| Poisoning by Psychotropic Agents | 128.8 | 129.9 | 135.4 | 117.9 | 82.6 |
| County | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |
| Province | | | | | |

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Secondary Diagnoses | — | 4.3 | — | 4.4 | — |
| Drug Psychoses | 30.0 | 17.3 | 21.8 | 4.4 | 8.7 |
| Drug Dependence | 55.8 | 26.0 | — | 17.5 | 26.1 |
| Nondependent Abuse of Drugs | 4.3 | 13.0 | 4.4 | 8.7 | — |
| Poisoning by Analgesics, Antipyretics... | 4.3 | — | — | 4.4 | — |
| Poisoning by Sedatives and Hypnotics | 12.9 | 4.3 | — | 4.4 | 4.3 |
| Poisoning by Psychotropic Agents | 107.3 | 64.9 | 26.2 | 43.7 | 39.1 |
| County | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |
| Province | | | | | |

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Primary Diagnoses | 4.3 | — | 13.1 | — | — |
| Drug Psychoses | 17.2 | 13.0 | — | 8.7 | 4.3 |
| Drug Dependence | — | — | 13.1 | — | — |
| Nondependent Abuse of Drugs | 21.5 | 13.0 | 26.2 | 8.7 | 4.3 |
| County | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| Province | | | | | |

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Secondary Diagnoses | — | — | — | — | — |
| Drug Psychoses | 25.8 | 34.6 | 34.9 | 13.1 | 21.7 |
| Drug Dependence | — | — | — | — | — |
| Nondependent Abuse of Drugs | 25.8 | 34.6 | 34.9 | 13.1 | 21.7 |
| County | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |
| Province | | | | | |

MORTALITY

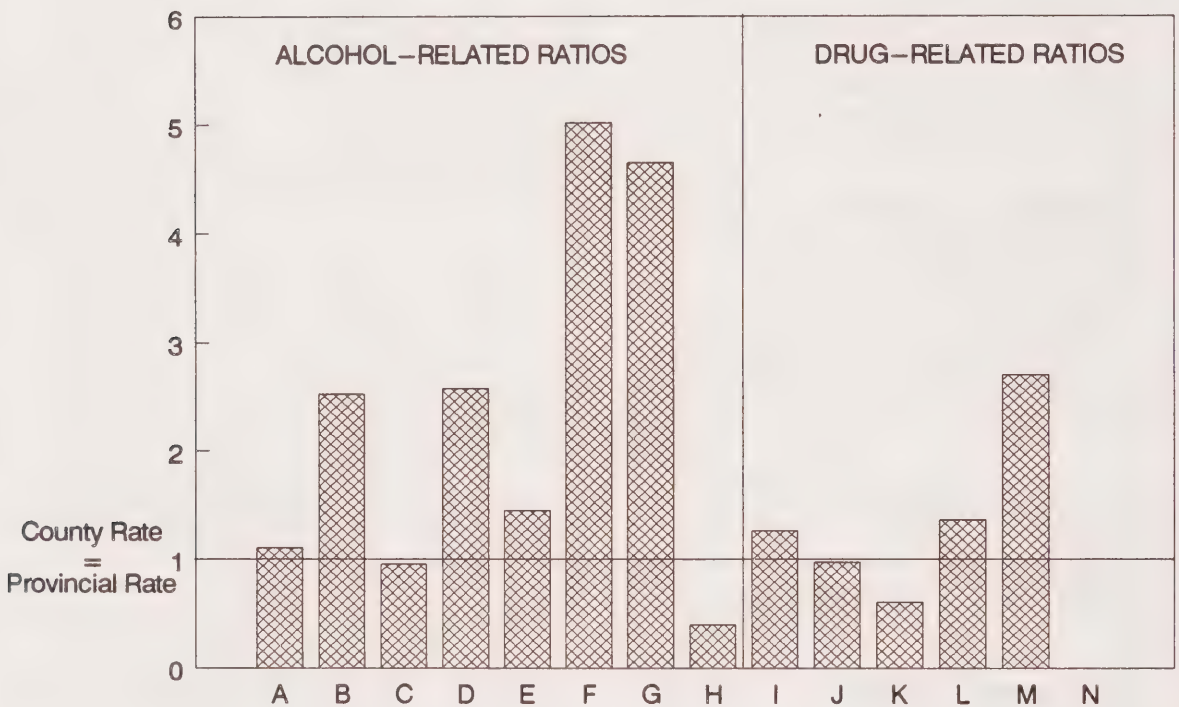
| | 1984 | 1985 | 1986 | 1987 | 1988 |
|--|------|------|------|------|------|
| From Drugs, Medicaments & Biologicals | — | — | — | 4.4 | — |
| Accidental Poisoning | — | — | 4.3 | — | — |
| Suicide | — | — | — | — | — |
| Undetermined | — | — | — | — | — |
| County | — | — | 4.3 | 4.4 | — |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

RAINY RIVER

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0-9 | 3.6 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.6 |
| 10-14 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.9 |
| 15-19 | 2.2 | 2.1 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 |
| 20-29 | 3.9 | 4.0 | 4.2 | 3.8 | 3.6 | 3.5 | 3.6 |
| 30-39 | 3.0 | 3.0 | 3.1 | 3.3 | 3.5 | 3.6 | 3.4 |
| 40-49 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.5 | 2.3 |
| 50-59 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.0 | 2.1 |
| 60-64 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 65-74 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 |
| 75+ | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 |
| Total Population | 23.2 | 23.4 | 23.3 | 23.1 | 22.9 | 22.9 | 23.0 |
| Aged 15 and Over | 17.6 | 17.8 | 17.8 | 17.6 | 17.5 | 17.6 | 17.5 |
| Aged 20 and Over | 15.4 | 15.7 | 15.8 | 15.7 | 15.6 | 15.7 | 15.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

RENFREW

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| |
|-----------------------------------|
| Litres (thousands) |
| Estimated Low Risk Consumers |
| Estimated Moderate Risk Consumers |
| Estimated High Risk Consumers |

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 778.6 |
| | | | | 40,784 |
| | | | | 12,329 |
| | | | | 5,614 |

LEGAL OFFENCES

| |
|--|
| Liquor Act |
| Impaired Operation Causing Death |
| Impaired Operation Causing Bodily Harm |
| Impaired Operation Over 80 mg% |
| Fail/Refuse to Provide Breath/Blood Sample |
| Total |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 925 | 1,047 | 1,201 | 1,122 | 1,067 |
| n.a. | - | - | - | - |
| n.a. | 5 | 3 | 5 | 3 |
| 431 | 415 | 355 | 331 | 331 |
| 14 | 28 | 28 | 45 | 20 |
| 1,370 | 1,495 | 1,587 | 1,503 | 1,421 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| |
|------------------------------|
| Resulting in Property Damage |
| Resulting in Personal Injury |
| Resulting in Fatalities |

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 117 | 90 | 89 | 79 | 93 |
| 135 | 95 | 95 | 66 | 68 |
| 9 | 7 | 6 | 9 | 7 |
| 261 | 192 | 190 | 154 | 168 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

| |
|-------------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Chronic Liver Disease and Cirrhosis |
| Toxic Effects of Alcohol |

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 16 | 15 | 10 | 15 | 19 |
| 99 | 113 | 118 | 90 | 65 |
| 23 | 27 | 31 | 31 | 24 |
| 48 | 50 | 35 | 28 | 27 |
| 1 | 4 | 3 | 2 | 1 |
| 187 | 209 | 197 | 166 | 136 |

Secondary Diagnoses

| |
|-------------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Chronic Liver Disease and Cirrhosis |
| Toxic Effects of Alcohol |

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 9 | 6 | 10 | 15 | 15 |
| 188 | 166 | 156 | 170 | 136 |
| 23 | 16 | 32 | 25 | 31 |
| 56 | 59 | 44 | 69 | 60 |
| 4 | 3 | 1 | 1 | 3 |
| 280 | 250 | 243 | 280 | 245 |

Mental Hospitals

Primary Diagnoses

| |
|-------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | 3 | 3 | 1 |
| 1 | 2 | 5 | 5 | 4 |
| 1 | - | - | - | - |
| 4 | 3 | 8 | 8 | 5 |

Secondary Diagnoses

| |
|-------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 2 | - |
| 4 | 5 | 1 | - | 1 |
| - | - | - | - | - |
| 4 | 5 | 1 | 2 | 1 |

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 10.9 |
| | | | | 57,193 |
| | | | | 17,289 |
| | | | | 7,873 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,031.2 | 1,177.7 | 1,343.4 | 1,246.7 | 1,173.8 |
| n.a. | - | - | - | - |
| n.a. | 5.6 | 3.4 | 5.6 | 3.3 |
| 480.5 | 466.8 | 397.1 | 367.8 | 364.1 |
| 15.6 | 31.5 | 31.3 | 50.0 | 22.0 |
| 1,527.3 | 1,681.7 | 1,775.2 | 1,670.0 | 1,563.3 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 130.4 | 101.2 | 99.6 | 87.8 | 102.3 |
| 150.5 | 106.9 | 106.3 | 73.3 | 74.8 |
| 10.0 | 7.9 | 6.7 | 10.0 | 7.7 |
| 291.0 | 216.0 | 212.5 | 171.1 | 184.8 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 17.8 | 16.9 | 11.2 | 16.7 | 20.9 |
| 110.4 | 127.1 | 132.0 | 100.0 | 71.5 |
| 25.6 | 30.4 | 34.7 | 34.4 | 26.4 |
| 53.5 | 56.2 | 39.1 | 31.1 | 29.7 |
| 1.1 | 4.5 | 3.4 | 2.2 | 1.1 |
| 208.5 | 235.1 | 220.4 | 184.4 | 149.6 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.0 | 6.7 | 11.2 | 16.7 | 16.5 |
| 209.6 | 186.7 | 174.5 | 188.9 | 149.6 |
| 25.6 | 18.0 | 35.8 | 27.8 | 34.1 |
| 62.4 | 66.4 | 49.2 | 76.7 | 66.0 |
| 4.5 | 3.4 | 1.1 | 1.1 | 3.3 |
| 312.2 | 281.2 | 271.8 | 311.1 | 269.5 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.2 | 1.1 | 3.4 | 3.3 | 1.1 |
| 1.1 | 2.2 | 5.6 | 5.6 | 4.4 |
| 1.1 | - | - | - | - |
| 4.5 | 3.4 | 8.9 | 8.9 | 5.5 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 2.2 | - |
| 4.5 | 5.6 | 1.1 | - | 1.1 |
| - | - | - | - | - |
| 4.5 | 5.6 | 1.1 | 2.2 | 1.1 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

RENFREW

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| 3 | 1 | 1 | - | 3 |
| 14 | 8 | 7 | 8 | 10 |
| 17 | 9 | 8 | 8 | 13 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 99 | 88 | 88 | 168 | 87 |
| - | 1 | - | - | - |
| 6 | 8 | 10 | 48 | 13 |
| 21 | 6 | 12 | 3 | - |
| - | - | - | 2 | - |
| 4 | 9 | - | 15 | 1 |
| 130 | 112 | 111 | 236 | 101 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 5 | 1 | 11 | 1 |
| 21 | 5 | 9 | 12 | - |
| 6 | 5 | 6 | 7 | 6 |
| 26 | 20 | 29 | 26 | 40 |
| 11 | 11 | 8 | 6 | 8 |
| 29 | 44 | 49 | 31 | 33 |
| 98 | 90 | 102 | 93 | 88 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 3 | 6 | 1 | 3 | 2 |
| 10 | 8 | 11 | 12 | 13 |
| 11 | 10 | 19 | 13 | 12 |
| 10 | 16 | 22 | 19 | 28 |
| 10 | 1 | 4 | 10 | 6 |
| 12 | 10 | 17 | 9 | 11 |
| 56 | 51 | 74 | 66 | 72 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 1 | - | - |
| 2 | - | - | 1 | - |
| - | - | - | - | 1 |
| 2 | - | 1 | 1 | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | 1 | - | - |
| 1 | 1 | 3 | 1 | 1 |
| 1 | - | 1 | - | 1 |
| 2 | 1 | 5 | 1 | 2 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | 2 | - | 2 | - |
| 5 | - | - | 3 | - |
| - | 1 | - | - | - |
| 7 | 3 | - | 5 | - |

RENFREW

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 3.4 | 1.1 | 1.1 | — | 3.3 |
| 15.7 | 8.9 | 7.9 | 8.9 | 11.1 |
| 19.0 | 10.0 | 9.0 | 8.9 | 14.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 110.7 | 98.7 | 98.7 | 187.2 | 95.6 |
| — | 1.4 | — | — | — |
| 6.1 | 9.6 | 11.7 | 53.2 | 14.5 |
| 23.2 | 6.7 | 13.7 | 3.5 | — |
| — | — | — | 2.3 | — |
| 4.3 | 9.9 | — | 16.2 | 1.5 |
| 144.4 | 126.2 | 124.1 | 262.3 | 111.6 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.6 | 5.6 | 1.1 | 12.2 | 1.1 |
| 23.4 | 5.6 | 10.1 | 13.3 | — |
| 6.7 | 5.6 | 6.7 | 7.8 | 6.6 |
| 29.0 | 22.5 | 32.4 | 28.9 | 44.0 |
| 12.3 | 12.4 | 8.9 | 6.7 | 8.8 |
| 32.3 | 49.5 | 54.8 | 34.4 | 36.3 |
| 109.3 | 101.2 | 114.1 | 103.3 | 96.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.3 | 6.7 | 1.1 | 3.3 | 2.2 |
| 11.1 | 9.0 | 12.3 | 13.3 | 14.3 |
| 12.3 | 11.2 | 21.3 | 14.4 | 13.2 |
| 11.1 | 18.0 | 24.6 | 21.1 | 30.8 |
| 11.1 | 1.1 | 4.5 | 11.1 | 6.6 |
| 13.4 | 11.2 | 19.0 | 10.0 | 12.1 |
| 62.4 | 57.4 | 82.8 | 73.3 | 79.2 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 1.1 | — | — |
| 2.2 | — | — | 1.1 | — |
| — | — | — | — | 1.1 |
| 2.2 | — | 1.1 | 1.1 | 1.1 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 1.1 | — | — |
| 1.1 | 1.1 | 3.4 | 1.1 | 1.1 |
| 1.1 | — | 1.1 | — | 1.1 |
| 2.2 | 1.1 | 5.6 | 1.1 | 2.2 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

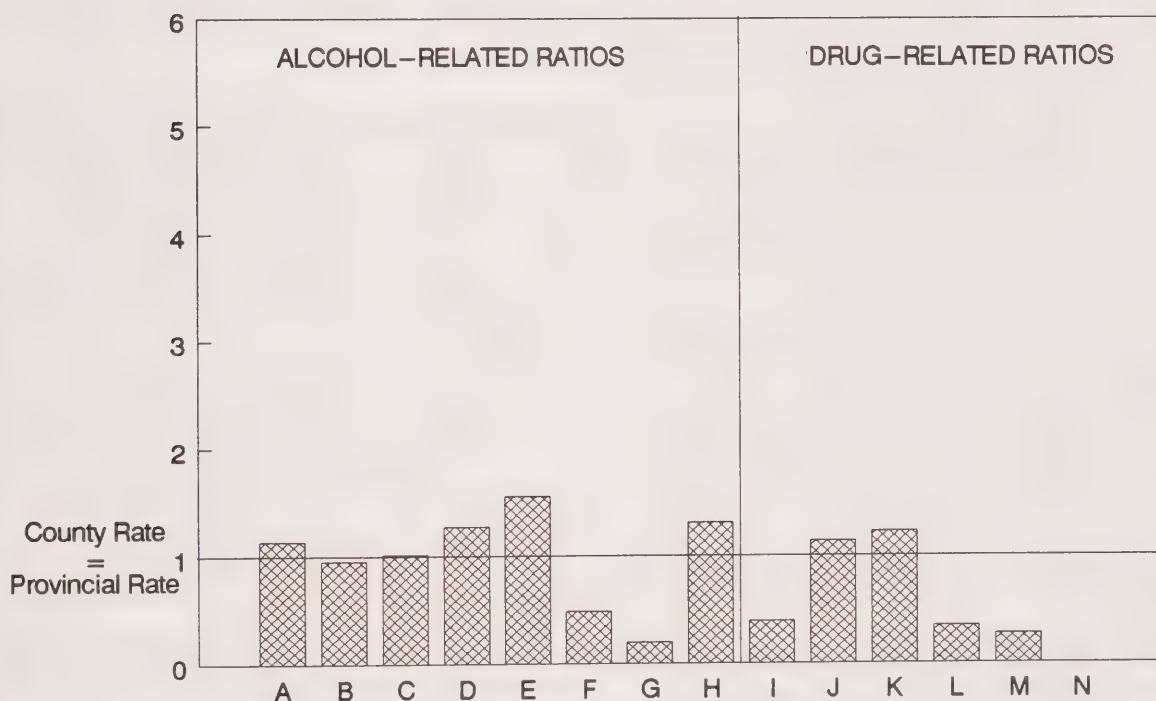
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.2 | 2.2 | — | 2.2 | — |
| 5.6 | — | — | 3.4 | — |
| — | 1.1 | — | — | — |
| 7.8 | 3.3 | — | 5.6 | — |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

RENFREW

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0- 9 | 12.4 | 12.7 | 12.7 | 12.7 | 12.6 | 12.8 | 12.9 |
| 10-14 | 6.9 | 6.5 | 6.5 | 6.3 | 6.2 | 6.1 | 6.1 |
| 15-19 | 8.1 | 7.7 | 7.1 | 6.8 | 6.8 | 6.6 | 6.3 |
| 20-29 | 16.1 | 17.1 | 17.5 | 15.7 | 15.8 | 15.3 | 14.6 |
| 30-39 | 12.1 | 12.4 | 12.7 | 13.2 | 13.3 | 13.6 | 14.2 |
| 40-49 | 9.2 | 9.3 | 9.4 | 9.5 | 10.0 | 10.5 | 11.2 |
| 50-59 | 9.1 | 8.9 | 8.9 | 9.0 | 8.9 | 8.6 | 8.8 |
| 60-64 | 4.1 | 4.3 | 4.4 | 4.6 | 4.4 | 4.4 | 4.2 |
| 65-74 | 6.4 | 6.3 | 6.4 | 6.8 | 7.0 | 7.1 | 7.5 |
| 75+ | 4.1 | 4.0 | 4.2 | 4.5 | 4.7 | 4.9 | 5.1 |
| Total Population | 88.3 | 89.3 | 89.7 | 88.9 | 89.4 | 90.0 | 90.9 |
| Aged 15 and Over | 69.0 | 70.1 | 70.5 | 69.9 | 70.6 | 71.1 | 71.9 |
| Aged 20 and Over | 60.9 | 62.4 | 63.4 | 63.1 | 63.8 | 64.5 | 65.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 2,460.7 |
| | | | | 104,611 |
| | | | | 39,630 |
| | | | | 18,725 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 5,961 | 5,400 | 6,455 | 6,753 | 6,559 |
| n.a. | 2 | 1 | 4 | 4 |
| n.a. | 27 | 31 | 20 | 24 |
| 2,123 | 2,213 | 2,190 | 2,330 | 2,133 |
| 90 | 110 | 127 | 174 | 142 |
| 8,174 | 7,752 | 8,804 | 9,281 | 8,862 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------------|------------|------------|------------|------------|
| 341 | 318 | 290 | 292 | 348 |
| 367 | 309 | 369 | 283 | 273 |
| 18 | 13 | 13 | 18 | 17 |
| 726 | 640 | 672 | 593 | 638 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------|------------|------------|------------|------------|
| 28 | 35 | 37 | 38 | 47 |
| 188 | 184 | 145 | 129 | 155 |
| 26 | 43 | 40 | 31 | 29 |
| 61 | 75 | 69 | 80 | 82 |
| 27 | 27 | 31 | 13 | 18 |
| 330 | 364 | 322 | 291 | 331 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| | | | | |
|------------|------------|------------|------------|------------|
| 26 | 26 | 26 | 25 | 32 |
| 262 | 219 | 252 | 235 | 288 |
| 40 | 54 | 57 | 58 | 56 |
| 120 | 108 | 119 | 110 | 94 |
| 5 | 3 | 4 | 4 | 10 |
| 453 | 410 | 458 | 432 | 480 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------|------------|------------|------------|------------|
| 3 | 5 | 9 | 4 | 4 |
| 171 | 173 | 178 | 162 | 149 |
| 6 | 4 | 5 | 3 | 1 |
| 180 | 182 | 192 | 169 | 154 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 2 | 1 | 1 | 3 | 4 |
| 23 | 27 | 22 | 21 | 24 |
| 9 | 10 | 6 | 9 | 6 |
| 34 | 38 | 29 | 33 | 34 |

SIMCOE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 12.4 |
| | | | | 52,866 |
| | | | | 20,027 |
| | | | | 9,463 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,532.3 | 2,265.1 | 2,604.9 | 2,598.3 | 2,397.3 |
| n.a. | 0.8 | 0.4 | 1.5 | 1.5 |
| n.a. | 11.3 | 12.5 | 7.7 | 8.8 |
| 901.9 | 928.3 | 883.8 | 896.5 | 779.6 |
| 38.2 | 46.1 | 51.3 | 66.9 | 51.9 |
| 3,472.4 | 3,251.7 | 3,552.9 | 3,571.0 | 3,239.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 144.9 | 133.4 | 117.0 | 112.4 | 127.2 |
| 155.9 | 129.6 | 148.9 | 108.9 | 99.8 |
| 7.6 | 5.5 | 5.2 | 6.9 | 6.2 |
| 308.4 | 268.5 | 271.2 | 228.2 | 233.2 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11.9 | 14.7 | 14.9 | 14.6 | 17.2 |
| 79.9 | 77.2 | 58.5 | 49.6 | 56.7 |
| 11.0 | 18.0 | 16.1 | 11.9 | 10.6 |
| 25.9 | 31.5 | 27.8 | 30.8 | 30.0 |
| 11.5 | 11.3 | 12.5 | 5.0 | 6.6 |
| 140.2 | 152.7 | 129.9 | 112.0 | 121.0 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11.0 | 10.9 | 10.5 | 9.6 | 11.7 |
| 111.3 | 91.9 | 101.7 | 90.4 | 105.3 |
| 17.0 | 22.7 | 23.0 | 22.3 | 20.5 |
| 51.0 | 45.3 | 48.0 | 42.3 | 34.4 |
| 2.1 | 1.3 | 1.6 | 1.5 | 3.7 |
| 192.4 | 172.0 | 184.8 | 166.2 | 175.4 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 2.1 | 3.6 | 1.5 | 1.5 |
| 72.6 | 72.6 | 71.8 | 62.3 | 54.5 |
| 2.5 | 1.7 | 2.0 | 1.2 | 0.4 |
| 76.5 | 76.3 | 77.5 | 65.0 | 56.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.8 | 0.4 | 0.4 | 1.2 | 1.5 |
| 9.8 | 11.3 | 8.9 | 8.1 | 8.8 |
| 3.8 | 4.2 | 2.4 | 3.5 | 2.2 |
| 14.4 | 15.9 | 11.7 | 12.7 | 12.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | 1 | 3 | — |
| 6 | 3 | 5 | 5 | 5 |
| 24 | 21 | 15 | 19 | 28 |
| 30 | 25 | 21 | 27 | 33 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|-------|
| 464 | 427 | 717 | 597 | 735 |
| 1 | 8 | — | — | 2 |
| 19 | 14 | 76 | 61 | 91 |
| — | 65 | 147 | 79 | 427 |
| 3 | 3 | 2 | 4 | 1 |
| 17 | 13 | 17 | 25 | 39 |
| 505 | 530 | 958 | 767 | 1,296 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9 | 3 | 4 | 5 | 5 |
| 13 | 14 | 33 | 20 | 20 |
| 11 | 8 | 8 | 15 | 16 |
| 71 | 63 | 76 | 61 | 79 |
| 21 | 18 | 12 | 22 | 15 |
| 104 | 95 | 95 | 62 | 86 |
| 229 | 201 | 228 | 185 | 221 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 6 | 2 | 4 | 9 | 4 |
| 29 | 27 | 31 | 26 | 13 |
| 39 | 25 | 43 | 60 | 51 |
| 44 | 42 | 41 | 44 | 42 |
| 15 | 7 | 13 | 8 | 8 |
| 50 | 43 | 38 | 41 | 49 |
| 183 | 146 | 170 | 188 | 167 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 1 | — | 2 | 3 |
| 19 | 16 | 1 | 5 | — |
| 4 | 5 | — | 3 | 2 |
| 26 | 22 | 1 | 10 | 5 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | — | — | 3 | 1 |
| 11 | 6 | 7 | 6 | 1 |
| 6 | 9 | 6 | 10 | 3 |
| 18 | 15 | 13 | 19 | 5 |

MORTALITY**From Drugs, Medicaments & Biologicals**

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | — | — | 2 | 5 |
| 12 | 4 | 6 | 5 | 4 |
| 1 | — | — | — | — |
| 14 | 4 | 6 | 7 | 9 |

SIMCOE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.4 | 0.4 | 1.2 | — |
| 2.6 | 1.3 | 2.1 | 2.0 | 1.9 |
| 10.3 | 8.9 | 6.3 | 7.7 | 10.8 |
| 12.9 | 10.6 | 8.8 | 10.9 | 12.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 197.3 | 178.9 | 289.4 | 229.9 | 268.7 |
| 0.6 | 3.5 | — | — | 0.9 |
| 8.2 | 5.9 | 30.7 | 23.6 | 33.2 |
| — | 27.4 | 59.3 | 30.3 | 156.1 |
| 1.1 | 1.3 | 0.6 | 1.6 | 0.5 |
| 7.2 | 5.3 | 6.9 | 9.7 | 14.3 |
| 214.3 | 222.4 | 386.8 | 295.0 | 473.7 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.8 | 1.3 | 1.6 | 1.9 | 1.8 |
| 5.5 | 5.9 | 13.3 | 7.7 | 7.3 |
| 4.7 | 3.4 | 3.2 | 5.8 | 5.8 |
| 30.2 | 26.4 | 30.7 | 23.5 | 28.9 |
| 8.9 | 7.6 | 4.8 | 8.5 | 5.5 |
| 44.2 | 39.8 | 38.3 | 23.9 | 31.4 |
| 97.3 | 84.3 | 92.0 | 71.2 | 80.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 0.8 | 1.6 | 3.5 | 1.5 |
| 12.3 | 11.3 | 12.5 | 10.0 | 4.8 |
| 16.6 | 10.5 | 17.4 | 23.1 | 18.6 |
| 18.7 | 17.6 | 16.5 | 16.9 | 15.4 |
| 6.4 | 2.9 | 5.2 | 3.1 | 2.9 |
| 21.2 | 18.0 | 15.3 | 15.8 | 17.9 |
| 77.7 | 61.2 | 68.6 | 72.3 | 61.0 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 0.4 | — | 0.8 | 1.1 |
| 8.1 | 6.7 | 0.4 | 1.9 | — |
| 1.7 | 2.1 | — | 1.2 | 0.7 |
| 11.0 | 9.2 | 0.4 | 3.8 | 1.8 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.4 | — | — | 1.2 | 0.4 |
| 4.7 | 2.5 | 2.8 | 2.3 | 0.4 |
| 2.5 | 3.8 | 2.4 | 3.8 | 1.1 |
| 7.6 | 6.3 | 5.2 | 7.3 | 1.8 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

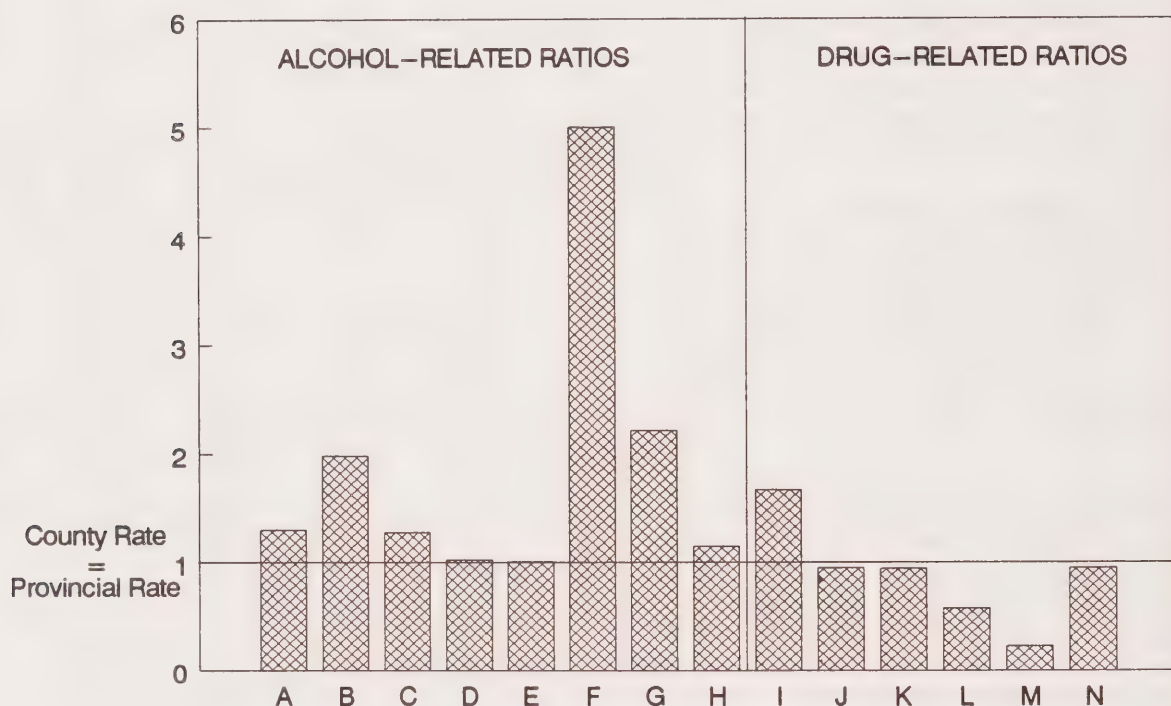
County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.4 | — | — | 0.8 | 1.9 |
| 5.2 | 1.7 | 2.5 | 2.0 | 1.5 |
| 0.4 | — | — | — | — |
| 6.0 | 1.7 | 2.5 | 2.8 | 3.5 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 33.5 | 33.4 | 33.4 | 34.0 | 35.2 | 38.2 | 39.6 |
| 10-14 | 18.4 | 18.4 | 18.1 | 18.0 | 17.8 | 18.2 | 20.3 |
| 15-19 | 20.1 | 19.2 | 18.8 | 18.3 | 18.6 | 18.4 | 20.3 |
| 20-29 | 35.8 | 35.9 | 36.0 | 38.0 | 38.3 | 38.2 | 42.4 |
| 30-39 | 36.0 | 36.7 | 37.5 | 38.3 | 40.5 | 43.5 | 44.2 |
| 40-49 | 24.8 | 25.8 | 26.8 | 27.5 | 29.9 | 32.5 | 32.6 |
| 50-59 | 21.9 | 21.8 | 21.9 | 21.9 | 22.2 | 22.7 | 24.6 |
| 60-64 | 11.2 | 11.6 | 11.5 | 11.8 | 12.4 | 13.1 | 13.3 |
| 65-74 | 18.2 | 19.0 | 19.7 | 19.4 | 20.9 | 22.7 | 22.8 |
| 75+ | 10.3 | 10.9 | 11.5 | 11.4 | 11.8 | 12.5 | 13.5 |
| Total Population | 230.3 | 232.6 | 235.4 | 238.4 | 247.8 | 259.9 | 273.6 |
| Aged 15 and Over | 178.4 | 180.8 | 183.9 | 186.4 | 194.8 | 203.5 | 213.7 |
| Aged 20 and Over | 158.3 | 161.6 | 165.1 | 168.1 | 176.2 | 185.1 | 193.4 |

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA

**ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

SUDBURY DISTRICT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 241.3 |
| | 10,225 |
| | 3,873 |
| | 1,830 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 582 | 606 | 681 | 634 | 633 |
| n.a. | 1 | - | 2 | - |
| n.a. | 2 | 1 | - | 2 |
| 237 | 222 | 249 | 179 | 209 |
| - | 11 | 12 | 15 | 13 |
| 819 | 842 | 943 | 830 | 857 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 25 | 19 | 21 | 24 | 23 |
| 35 | 26 | 30 | 27 | 24 |
| 2 | 2 | 2 | 2 | 1 |
| 62 | 48 | 52 | 53 | 49 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 4 | 2 | 10 | 4 |
| 44 | 66 | 43 | 55 | 37 |
| 2 | 5 | 2 | 6 | 7 |
| 13 | 11 | 22 | 17 | 12 |
| - | 2 | - | 2 | - |
| 62 | 88 | 69 | 90 | 60 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| | | | | |
|----|----|----|----|----|
| 1 | 2 | 2 | 4 | 1 |
| 17 | 23 | 25 | 31 | 29 |
| 3 | 2 | 2 | 5 | 4 |
| 10 | 12 | 21 | 22 | 13 |
| 1 | - | - | - | - |
| 32 | 39 | 50 | 62 | 47 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 1 | - |
| 1 | 2 | 5 | 4 | - |
| - | - | 1 | - | 1 |
| 1 | 2 | 6 | 5 | 1 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | 1 | 1 | - |
| - | 2 | - | - | - |
| - | 2 | 1 | 1 | - |

SUDBURY DISTRICT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 12.5 |
| | | | | 52,870 |
| | | | | 20,026 |
| | | | | 9,462 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,221.4 | 2,348.8 | 2,660.2 | 2,476.6 | 2,492.1 |
| n.a. | 3.9 | - | 7.8 | - |
| n.a. | 7.8 | 3.9 | - | 7.9 |
| 904.6 | 860.5 | 972.7 | 699.2 | 822.8 |
| - | 42.6 | 46.9 | 58.6 | 51.2 |
| 3,126.0 | 3,263.6 | 3,683.6 | 3,242.2 | 3,374.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 94.7 | 75.2 | 80.3 | 95.1 | 92.2 |
| 133.0 | 101.5 | 115.7 | 105.2 | 96.0 |
| 8.3 | 7.9 | 7.9 | 8.4 | 3.3 |
| 236.0 | 184.5 | 203.8 | 208.7 | 191.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 11.5 | 15.5 | 7.8 | 39.1 | 15.7 |
| 167.9 | 255.8 | 168.0 | 214.8 | 145.7 |
| 7.6 | 19.4 | 7.8 | 23.4 | 27.6 |
| 49.6 | 42.6 | 85.9 | 66.4 | 47.2 |
| - | 7.8 | - | 7.8 | - |
| 236.6 | 341.1 | 269.5 | 351.6 | 236.2 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.8 | 7.8 | 7.8 | 15.6 | 3.9 |
| 64.9 | 89.1 | 97.7 | 121.1 | 114.2 |
| 11.5 | 7.8 | 7.8 | 19.5 | 15.7 |
| 38.2 | 46.5 | 82.0 | 85.9 | 51.2 |
| 3.8 | - | - | - | - |
| 122.1 | 151.2 | 195.3 | 242.2 | 185.0 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 3.9 | - |
| 3.8 | 7.8 | 19.5 | 15.6 | - |
| - | - | 3.9 | - | 3.9 |
| 3.8 | 7.8 | 23.4 | 19.5 | 3.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | 3.9 | 3.9 | - |
| - | 7.8 | - | - | - |
| - | 7.8 | 3.9 | 3.9 | - |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

SUDBURY DISTRICT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | 1 | - |
| - | - | - | - | 1 |
| 5 | - | 1 | 4 | 1 |
| 5 | - | 1 | 5 | 2 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 77 | 65 | 55 | 35 | 69 |
| - | - | - | 1 | - |
| - | - | - | 4 | 4 |
| 21 | - | - | 9 | 4 |
| - | 2 | 2 | - | 1 |
| - | 5 | 7 | - | 4 |
| 98 | 71 | 64 | 49 | 82 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | - | 1 | - | 3 |
| 2 | - | 5 | 5 | 4 |
| 3 | 1 | 1 | 2 | - |
| 8 | 12 | 6 | 4 | 6 |
| 1 | 5 | 4 | - | 1 |
| 4 | 5 | 8 | 6 | 7 |
| 20 | 23 | 25 | 17 | 21 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|---|---|---|----|---|
| - | - | 1 | 1 | 1 |
| - | - | 1 | 7 | 2 |
| 3 | 1 | 2 | 6 | 5 |
| - | 2 | 3 | - | - |
| - | - | 2 | 2 | - |
| 1 | 2 | - | - | 1 |
| 4 | 5 | 9 | 16 | 9 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | - | 2 | - | - |
| - | - | 1 | - | - |
| - | - | 3 | - | - |
| 1 | - | 6 | - | - |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| - | - | 1 | - | - |
| - | 1 | - | - | 1 |
| - | 1 | 1 | - | 1 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | 1 | - | 1 | - |
| 1 | - | 1 | 2 | - |
| - | - | - | - | 1 |
| 1 | 1 | 1 | 3 | 1 |

SUDBURY DISTRICT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 3.9 | — |
| — | — | — | — | 3.9 |
| 18.9 | — | 3.9 | 15.6 | 3.9 |
| 18.9 | — | 3.9 | 19.5 | 7.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 293.9 | 250.4 | 216.6 | 135.4 | 270.9 |
| — | — | — | 5.2 | — |
| — | — | — | 14.4 | 14.1 |
| 79.4 | — | — | 36.9 | 16.8 |
| — | 6.0 | 6.0 | — | 5.6 |
| — | 19.6 | 28.5 | — | 16.5 |
| 373.3 | 276.0 | 251.1 | 191.8 | 323.9 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--------------------------------------|--|----------|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.6 | — | 3.9 | — | 11.8 |
| 7.6 | — | 19.5 | 19.5 | 15.7 |
| 11.5 | 3.9 | 3.9 | 7.8 | — |
| 30.5 | 46.5 | 23.4 | 15.6 | 23.6 |
| 3.8 | 19.4 | 15.6 | — | 3.9 |
| 15.3 | 19.4 | 31.3 | 23.4 | 27.6 |
| 76.3 | 89.1 | 97.7 | 66.4 | 82.7 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | | | |
|------|------|------|------|------|
| — | — | 3.9 | 3.9 | 3.9 |
| — | — | 3.9 | 27.3 | 7.9 |
| 11.5 | 3.9 | 7.8 | 23.4 | 19.7 |
| — | 7.8 | 11.7 | — | — |
| — | — | 7.8 | 7.8 | — |
| 3.8 | 7.8 | — | — | 3.9 |
| 15.3 | 19.4 | 35.2 | 62.5 | 35.4 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.8 | — | 7.8 | — | — |
| — | — | 3.9 | — | — |
| — | — | 11.7 | — | — |
| 3.8 | — | 23.4 | — | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | — | — |
| — | — | 3.9 | — | — |
| — | 3.9 | — | — | 3.9 |
| — | 3.9 | 3.9 | — | 3.9 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

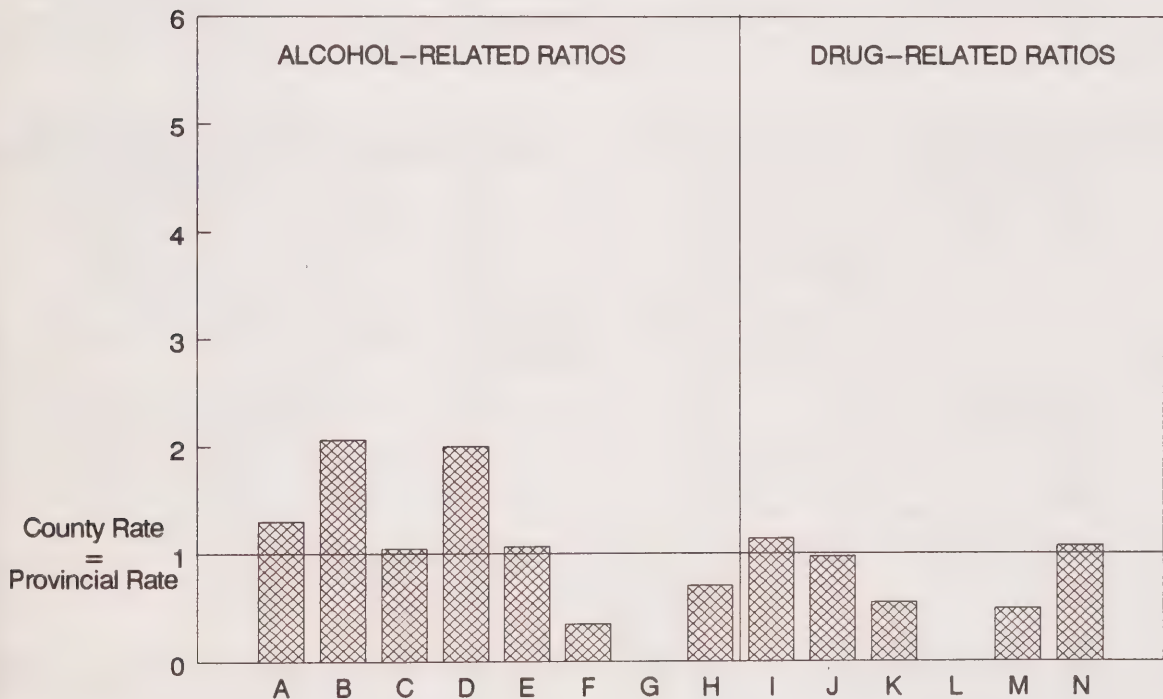
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 3.8 | — | 3.9 | — |
| 3.8 | — | 3.9 | 7.8 | — |
| — | — | — | — | 3.9 |
| 3.8 | 3.8 | 3.9 | 11.7 | 3.9 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

SUDBURY DISTRICT

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|------|------|------|------|------|------|------|
| (in thousands) | | | | | | | |
| 0- 9 | 4.6 | 4.6 | 4.6 | 3.9 | 3.7 | 3.7 | 3.5 |
| 10-14 | 2.6 | 2.6 | 2.6 | 2.4 | 2.1 | 2.1 | 1.9 |
| 15-19 | 2.9 | 2.9 | 2.8 | 2.3 | 2.4 | 2.3 | 2.3 |
| 20-29 | 4.2 | 4.2 | 4.2 | 4.2 | 4.0 | 3.9 | 3.7 |
| 30-39 | 3.8 | 3.7 | 3.6 | 3.9 | 4.0 | 4.0 | 4.0 |
| 40-49 | 2.8 | 2.8 | 2.7 | 3.0 | 3.1 | 3.5 | 3.5 |
| 50-59 | 2.5 | 2.5 | 2.5 | 2.8 | 2.7 | 2.6 | 2.7 |
| 60-64 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 |
| 65-74 | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 | 1.7 | 1.7 |
| 75+ | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.9 |
| Total Population | 26.6 | 26.4 | 26.2 | 25.8 | 25.6 | 25.6 | 25.4 |
| Aged 15 and Over | 19.4 | 19.2 | 19.0 | 19.5 | 19.8 | 19.8 | 20.0 |
| Aged 20 and Over | 16.5 | 16.3 | 16.2 | 17.2 | 17.4 | 17.5 | 17.7 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 1,381.3 |
| | | | | 66,553 |
| | | | | 22,019 |
| | | | | 10,165 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 843 | 792 | 964 | 1,066 | 838 |
| n.a. | - | 1 | 1 | 2 |
| n.a. | 12 | 14 | 5 | 2 |
| 584 | 398 | 409 | 529 | 503 |
| 29 | 17 | 15 | 35 | 9 |
| 1,456 | 1,219 | 1,403 | 1,636 | 1,354 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 146 | 115 | 122 | 146 | 144 |
| 205 | 155 | 176 | 161 | 150 |
| 13 | 12 | 12 | 13 | 5 |
| 364 | 281 | 311 | 320 | 298 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 19 | 19 | 30 | 30 | 23 |
| 63 | 84 | 95 | 177 | 111 |
| 20 | 25 | 21 | 15 | 7 |
| 68 | 71 | 60 | 65 | 86 |
| 4 | 2 | 1 | - | - |
| 174 | 201 | 207 | 287 | 227 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7 | 9 | 8 | 11 | 16 |
| 92 | 140 | 119 | 154 | 185 |
| 22 | 17 | 33 | 21 | 17 |
| 95 | 87 | 94 | 87 | 88 |
| 3 | - | 1 | - | 2 |
| 219 | 253 | 255 | 273 | 308 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 1 | - | 1 | - |
| 2 | 4 | 1 | 1 | 1 |
| 1 | - | - | 1 | 2 |
| 3 | 5 | 1 | 3 | 3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| 1 | 3 | 1 | 1 | - |
| 3 | - | - | 2 | 2 |
| 4 | 3 | 1 | 3 | 2 |

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.5 |
| | | | | 55,512 |
| | | | | 18,366 |
| | | | | 8,479 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 546.3 | 519.3 | 632.1 | 696.3 | 537.9 |
| n.a. | — | 0.7 | 0.7 | 1.3 |
| n.a. | 7.9 | 9.2 | 3.3 | 1.3 |
| 378.5 | 261.0 | 268.2 | 345.5 | 322.8 |
| 18.8 | 11.1 | 9.8 | 22.9 | 5.8 |
| 943.6 | 799.3 | 920.0 | 1,068.6 | 869.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 94.7 | 75.2 | 80.3 | 95.1 | 92.2 |
| 133.0 | 101.5 | 115.7 | 105.2 | 96.0 |
| 8.3 | 7.9 | 7.9 | 8.4 | 3.3 |
| 236.0 | 184.5 | 203.8 | 208.7 | 191.5 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 12.3 | 12.5 | 19.7 | 19.6 | 14.8 |
| 40.8 | 55.1 | 62.3 | 115.6 | 71.2 |
| 13.0 | 16.4 | 13.8 | 9.8 | 4.5 |
| 44.1 | 46.6 | 39.3 | 42.5 | 55.2 |
| 2.6 | 1.3 | 0.7 | — | — |
| 112.8 | 131.8 | 135.7 | 187.5 | 145.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4.5 | 5.9 | 5.2 | 7.2 | 10.3 |
| 59.6 | 91.8 | 78.0 | 100.6 | 118.7 |
| 14.3 | 11.1 | 21.6 | 13.7 | 10.9 |
| 61.6 | 57.0 | 61.6 | 56.8 | 56.5 |
| 1.9 | — | 0.7 | — | 1.3 |
| 141.9 | 165.9 | 167.2 | 178.3 | 197.7 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.7 | — | 0.7 | — |
| 1.3 | 2.6 | 0.7 | 0.7 | 0.6 |
| 0.6 | — | — | 0.7 | 1.3 |
| 1.9 | 3.3 | 0.7 | 2.0 | 1.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 0.6 | 2.0 | 0.7 | 0.7 | — |
| 1.9 | — | — | 1.3 | 1.3 |
| 2.6 | 2.0 | 0.7 | 2.0 | 1.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 |
| 10 | 16 | 23 | 22 | 16 |
| 13 | 18 | 25 | 24 | 18 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 77 | 157 | 166 | 146 | 155 |
| — | 1 | — | — | 1 |
| 3 | 13 | 37 | 22 | 62 |
| 298 | 231 | 330 | 3 | 60 |
| — | 3 | — | 8 | — |
| 4 | 15 | 26 | 16 | 13 |
| 382 | 421 | 559 | 195 | 290 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 4 | 9 | 7 | 11 | 6 |
| 7 | 4 | 13 | 36 | 12 |
| 7 | 4 | 6 | 5 | 6 |
| 62 | 71 | 71 | 62 | 57 |
| 43 | 54 | 36 | 27 | 17 |
| 68 | 74 | 71 | 84 | 63 |
| 191 | 216 | 204 | 225 | 161 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|-----|
| 2 | 2 | 1 | 2 | 5 |
| 7 | 4 | 8 | 18 | 10 |
| 15 | 14 | 21 | 34 | 64 |
| 7 | 9 | 21 | 7 | 9 |
| 4 | 7 | 6 | 8 | 4 |
| 8 | 12 | 12 | 13 | 10 |
| 43 | 48 | 69 | 82 | 102 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 1 | — | 2 | — |
| — | 2 | 1 | 1 | — |
| 1 | — | — | 2 | — |
| 1 | 3 | 1 | 5 | — |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| — | — | — | — | — |
| 1 | 2 | — | 1 | — |
| 3 | 2 | 2 | 3 | 3 |
| 4 | 4 | 2 | 4 | 3 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 1 | 5 | 3 | 3 |
| 1 | 3 | 8 | 8 | 6 |
| — | — | 1 | — | — |
| 5 | 4 | 14 | 11 | 9 |

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.6 | 0.7 | 0.7 | 0.7 |
| 1.9 | 0.6 | 0.7 | 0.7 | 0.7 |
| 6.4 | 10.4 | 15.1 | 14.4 | 10.5 |
| 8.3 | 11.7 | 16.4 | 15.7 | 11.8 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 49.9 | 103.1 | 109.1 | 95.2 | 99.2 |
| — | 0.8 | — | — | 0.8 |
| 1.8 | 8.4 | 24.1 | 14.4 | 39.9 |
| 193.3 | 151.8 | 216.7 | 2.1 | 38.4 |
| — | 2.0 | — | 5.3 | — |
| 2.5 | 9.9 | 16.7 | 10.4 | 8.1 |
| 247.5 | 276.0 | 366.5 | 127.4 | 186.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.6 | 5.9 | 4.6 | 7.2 | 3.9 |
| 4.5 | 2.6 | 8.5 | 23.5 | 7.7 |
| 4.5 | 2.6 | 3.9 | 3.3 | 3.9 |
| 40.2 | 46.6 | 46.6 | 40.5 | 36.6 |
| 27.9 | 35.4 | 23.6 | 17.6 | 10.9 |
| 44.1 | 48.5 | 46.6 | 54.9 | 40.4 |
| 123.8 | 141.6 | 133.8 | 147.0 | 103.3 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.3 | 1.3 | 0.7 | 1.3 | 3.2 |
| 4.5 | 2.6 | 5.2 | 11.8 | 6.4 |
| 9.7 | 9.2 | 13.8 | 22.2 | 41.1 |
| 4.5 | 5.9 | 13.8 | 4.6 | 5.8 |
| 2.6 | 4.6 | 3.9 | 5.2 | 2.6 |
| 5.2 | 7.9 | 7.9 | 8.5 | 6.4 |
| 27.9 | 31.5 | 45.2 | 53.6 | 65.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.7 | — | 1.3 | — |
| — | 1.3 | 0.7 | 0.7 | — |
| 0.6 | — | — | 1.3 | — |
| 0.6 | 2.0 | 0.7 | 3.3 | — |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 0.6 | 1.3 | — | 0.7 | — |
| 1.9 | 1.3 | 1.3 | 2.0 | 1.9 |
| 2.6 | 2.6 | 1.3 | 2.6 | 1.9 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

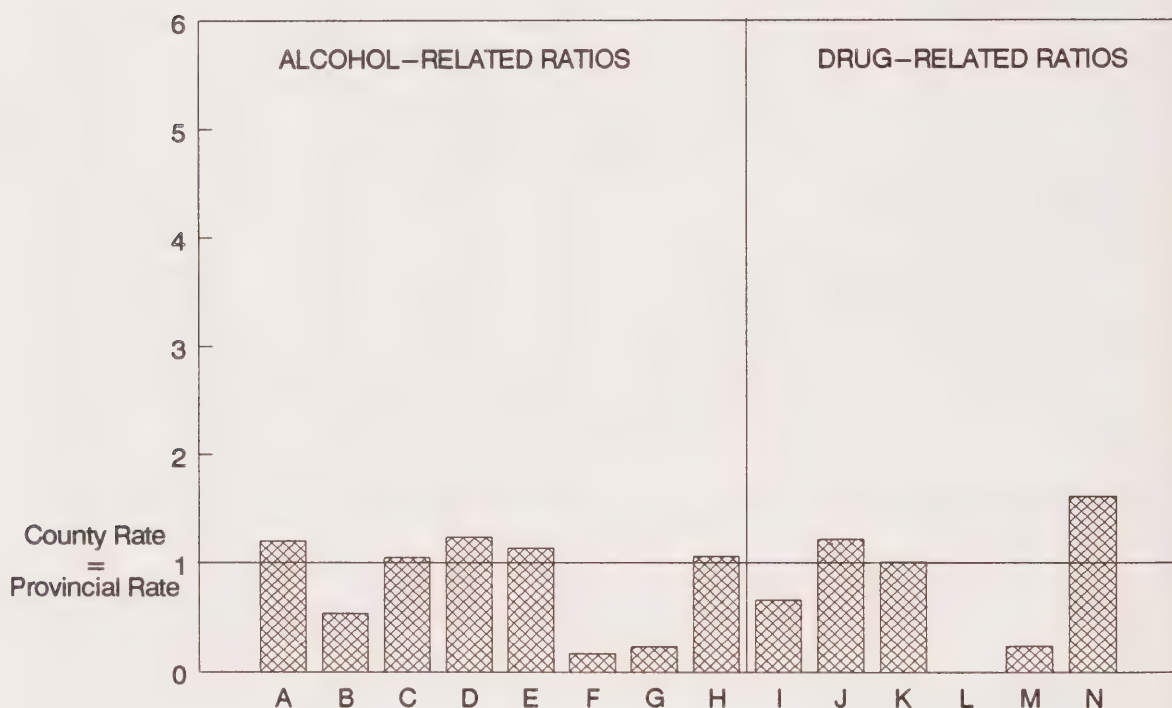
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.6 | 0.6 | 3.3 | 2.0 | 2.0 |
| 0.6 | 1.9 | 5.2 | 5.2 | 3.9 |
| — | — | 0.7 | — | — |
| 3.2 | 2.6 | 9.2 | 7.2 | 5.9 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

SUDBURY REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 23.5 | 22.8 | 21.9 | 21.0 | 20.9 | 21.1 | 20.7 |
| 10-14 | 14.2 | 14.0 | 13.7 | 13.0 | 12.9 | 12.5 | 12.0 |
| 15-19 | 15.7 | 14.5 | 13.8 | 13.6 | 13.7 | 13.5 | 13.4 |
| 20-29 | 27.2 | 27.8 | 28.2 | 24.9 | 24.6 | 24.6 | 25.3 |
| 30-39 | 23.1 | 23.0 | 23.0 | 23.9 | 23.1 | 23.1 | 23.8 |
| 40-49 | 17.9 | 18.1 | 18.0 | 18.8 | 19.6 | 20.6 | 22.0 |
| 50-59 | 16.7 | 16.5 | 16.4 | 16.3 | 16.1 | 15.9 | 15.7 |
| 60-64 | 6.4 | 6.8 | 6.9 | 7.2 | 7.3 | 7.3 | 7.2 |
| 65-74 | 7.9 | 8.2 | 8.4 | 9.0 | 9.5 | 10.0 | 10.4 |
| 75+ | 3.7 | 3.9 | 4.0 | 4.3 | 4.6 | 4.8 | 5.3 |
| Total Population | 156.9 | 155.7 | 154.3 | 152.5 | 152.5 | 153.1 | 155.8 |
| Aged 15 and Over | 119.2 | 118.9 | 118.7 | 118.5 | 118.7 | 119.5 | 123.1 |
| Aged 20 and Over | 103.5 | 104.4 | 104.9 | 104.9 | 105.0 | 106.0 | 109.7 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

THUNDER BAY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| | 1988-89 |
|-----------------------------------|---------|
| Litres (thousands) | 1,450.6 |
| Estimated Low Risk Consumers | 69,068 |
| Estimated Moderate Risk Consumers | 23,141 |
| Estimated High Risk Consumers | 10,703 |

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|--|--------------|--------------|--------------|--------------|--------------|
| Liquor Act | 3,615 | 4,105 | 4,043 | 4,181 | 3,718 |
| Impaired Operation Causing Death | n.a. | 2 | 2 | 2 | - |
| Impaired Operation Causing Bodily Harm | n.a. | 5 | 8 | 3 | 2 |
| Impaired Operation Over 80 mg% | 1,123 | 1,075 | 1,117 | 1,073 | 1,032 |
| Fail/Refuse to Provide Breath/Blood Sample | 22 | 28 | 32 | 38 | 52 |
| Total | 4,760 | 5,215 | 5,202 | 5,297 | 4,804 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------------------|------------|------------|------------|------------|------------|
| Resulting in Property Damage | 306 | 206 | 217 | 206 | 208 |
| Resulting in Personal Injury | 235 | 206 | 226 | 140 | 152 |
| Resulting in Fatalities | 11 | 12 | 5 | 10 | 5 |
| Total | 552 | 424 | 448 | 356 | 365 |

HOSPITAL SEPARATIONS

| General Hospitals | Primary Diagnoses | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------|-------------------------------------|------------|------------|------------|------------|------------|
| | Alcoholic Psychoses | 21 | 35 | 44 | 44 | 45 |
| | Alcohol Dependence Syndrome | 156 | 322 | 238 | 199 | 174 |
| | Nondependent Abuse of Alcohol | 22 | 43 | 33 | 28 | 44 |
| | Chronic Liver Disease and Cirrhosis | 45 | 76 | 59 | 79 | 72 |
| | Toxic Effects of Alcohol | 10 | 8 | 7 | 10 | 12 |
| | Total | 254 | 484 | 381 | 360 | 347 |

| General Hospitals | Secondary Diagnoses | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------|-------------------------------------|------------|------------|------------|------------|------------|
| | Alcoholic Psychoses | 16 | 15 | 21 | 22 | 27 |
| | Alcohol Dependence Syndrome | 191 | 349 | 345 | 350 | 283 |
| | Nondependent Abuse of Alcohol | 27 | 26 | 29 | 52 | 54 |
| | Chronic Liver Disease and Cirrhosis | 63 | 73 | 90 | 98 | 78 |
| | Toxic Effects of Alcohol | 1 | 2 | 3 | 5 | 2 |
| | Total | 298 | 465 | 488 | 527 | 444 |

| Mental Hospitals | Primary Diagnoses | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------------|-------------------------------|------------|------------|------------|------------|------------|
| | Alcoholic Psychoses | 9 | 5 | 3 | 1 | 3 |
| | Alcohol Dependence Syndrome | 199 | 175 | 223 | 145 | 72 |
| | Nondependent Abuse of Alcohol | 7 | 16 | 6 | 60 | 115 |
| | Total | 215 | 196 | 232 | 206 | 190 |

| Mental Hospitals | Secondary Diagnoses | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------------|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| | Alcoholic Psychoses | - | 1 | - | - | 1 |
| | Alcohol Dependence Syndrome | 26 | 35 | 19 | 32 | 16 |
| | Nondependent Abuse of Alcohol | 7 | 23 | 15 | 11 | 18 |
| | Total | 33 | 59 | 34 | 43 | 35 |

THUNDER BAY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.6 |
| | | | | 55,272 |
| | | | | 18,519 |
| | | | | 8,565 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,326.3 | 2,636.5 | 2,591.7 | 2,663.1 | 2,362.1 |
| n.a. | 1.3 | 1.3 | 1.3 | - |
| n.a. | 3.2 | 5.1 | 1.9 | 1.3 |
| 722.7 | 690.4 | 716.0 | 683.4 | 655.7 |
| 14.2 | 18.0 | 20.5 | 24.2 | 33.0 |
| 3,063.1 | 3,349.4 | 3,334.6 | 3,373.9 | 3,052.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 196.9 | 132.3 | 139.1 | 131.2 | 132.1 |
| 151.2 | 132.3 | 144.9 | 89.2 | 96.6 |
| 7.1 | 7.7 | 3.2 | 6.4 | 3.2 |
| 355.2 | 272.3 | 287.2 | 226.8 | 231.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.5 | 22.5 | 28.2 | 28.0 | 28.6 |
| 100.4 | 206.8 | 152.6 | 126.8 | 110.5 |
| 14.2 | 27.6 | 21.2 | 17.8 | 28.0 |
| 29.0 | 48.8 | 37.8 | 50.3 | 45.7 |
| 6.4 | 5.1 | 4.5 | 6.4 | 7.6 |
| 163.4 | 310.9 | 244.2 | 229.3 | 220.5 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10.3 | 9.6 | 13.5 | 14.0 | 17.2 |
| 122.9 | 224.1 | 221.2 | 222.9 | 179.8 |
| 17.4 | 16.7 | 18.6 | 33.1 | 34.3 |
| 40.5 | 46.9 | 57.7 | 62.4 | 49.6 |
| 0.6 | 1.3 | 1.9 | 3.2 | 1.3 |
| 191.8 | 298.7 | 312.8 | 335.7 | 282.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.8 | 3.2 | 1.9 | 0.6 | 1.9 |
| 128.1 | 112.4 | 142.9 | 92.4 | 45.7 |
| 4.5 | 10.3 | 3.8 | 38.2 | 73.1 |
| 138.4 | 125.9 | 148.7 | 131.2 | 120.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | 0.6 | - | - | 0.6 |
| 16.7 | 22.5 | 12.2 | 20.4 | 10.2 |
| 4.5 | 14.8 | 9.6 | 7.0 | 11.4 |
| 21.2 | 37.9 | 21.8 | 27.4 | 22.2 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

THUNDER BAY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 1 | — | — | — |
| — | 4 | 5 | 9 | 8 |
| 19 | 11 | 13 | 13 | 23 |
| 19 | 16 | 18 | 22 | 31 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 317 | 405 | 394 | 290 | 368 |
| — | — | 1 | 1 | — |
| 12 | 34 | 22 | 32 | 144 |
| 97 | 24 | 61 | 38 | 282 |
| 3 | 5 | — | 6 | 4 |
| 13 | 11 | 33 | 8 | 31 |
| 442 | 478 | 512 | 375 | 829 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 3 | 4 | 6 | 2 |
| 9 | 17 | 17 | 16 | 12 |
| 13 | 10 | 10 | 10 | 13 |
| 29 | 63 | 64 | 63 | 58 |
| 8 | 32 | 21 | 23 | 14 |
| 33 | 50 | 65 | 77 | 73 |
| 97 | 175 | 181 | 195 | 172 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|----|-----|-----|----|
| 3 | 2 | 2 | 6 | 1 |
| 13 | 16 | 15 | 21 | 13 |
| 112 | 42 | 69 | 74 | 30 |
| 17 | 11 | 31 | 35 | 13 |
| 3 | 12 | 4 | 19 | 3 |
| 11 | 15 | 22 | 25 | 10 |
| 159 | 98 | 143 | 180 | 70 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5 | 4 | — | 3 | 3 |
| 20 | 19 | — | 19 | 24 |
| 2 | — | — | — | 2 |
| 27 | 23 | — | 22 | 29 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|-----|-----|
| 1 | — | — | 1 | — |
| 63 | 56 | 91 | 103 | 101 |
| — | — | 3 | 1 | — |
| 64 | 56 | 94 | 105 | 101 |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 4 | 5 | 1 | 1 | 1 |
| 5 | — | 2 | 2 | 1 |
| 2 | 2 | 4 | 3 | 2 |
| 11 | 7 | 7 | 6 | 4 |

THUNDER BAY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.6 | — | — | — |
| — | 2.6 | 3.2 | 5.8 | 5.1 |
| 12.3 | 7.1 | 8.3 | 8.3 | 14.6 |
| 12.3 | 10.3 | 11.6 | 14.1 | 19.7 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 203.8 | 259.9 | 252.8 | 184.9 | 233.9 |
| — | — | 0.9 | 0.8 | — |
| 8.0 | 21.8 | 14.3 | 20.3 | 91.2 |
| 62.5 | 15.2 | 39.2 | 24.0 | 179.0 |
| 1.7 | 3.0 | — | 3.9 | 2.7 |
| 8.3 | 7.3 | 21.0 | 5.1 | 19.6 |
| 284.3 | 307.3 | 328.3 | 239.1 | 526.4 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.2 | 1.9 | 2.6 | 3.8 | 1.3 |
| 5.8 | 10.9 | 10.9 | 10.2 | 7.6 |
| 8.4 | 6.4 | 6.4 | 6.4 | 8.3 |
| 18.7 | 40.5 | 41.0 | 40.1 | 36.8 |
| 5.1 | 20.6 | 13.5 | 14.6 | 8.9 |
| 21.2 | 32.1 | 41.7 | 49.0 | 46.4 |
| 62.4 | 112.4 | 116.0 | 124.2 | 109.3 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|-------|------|------|-------|------|
| 1.9 | 1.3 | 1.3 | 3.8 | 0.6 |
| 8.4 | 10.3 | 9.6 | 13.4 | 8.3 |
| 72.1 | 27.0 | 44.2 | 47.1 | 19.1 |
| 10.9 | 7.1 | 19.9 | 22.3 | 8.3 |
| 1.9 | 7.7 | 2.6 | 12.1 | 1.9 |
| 7.1 | 9.6 | 14.1 | 15.9 | 6.4 |
| 102.3 | 62.9 | 91.7 | 114.6 | 44.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.2 | 2.6 | — | 1.9 | 1.9 |
| 12.9 | 12.2 | — | 12.1 | 15.2 |
| 1.3 | — | — | — | 1.3 |
| 17.4 | 14.8 | — | 14.0 | 18.4 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|------|------|------|------|------|
| 0.6 | — | — | 0.6 | — |
| 40.5 | 36.0 | 58.3 | 65.6 | 64.2 |
| — | — | 1.9 | 0.6 | — |
| 41.2 | 36.0 | 60.3 | 66.9 | 64.2 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

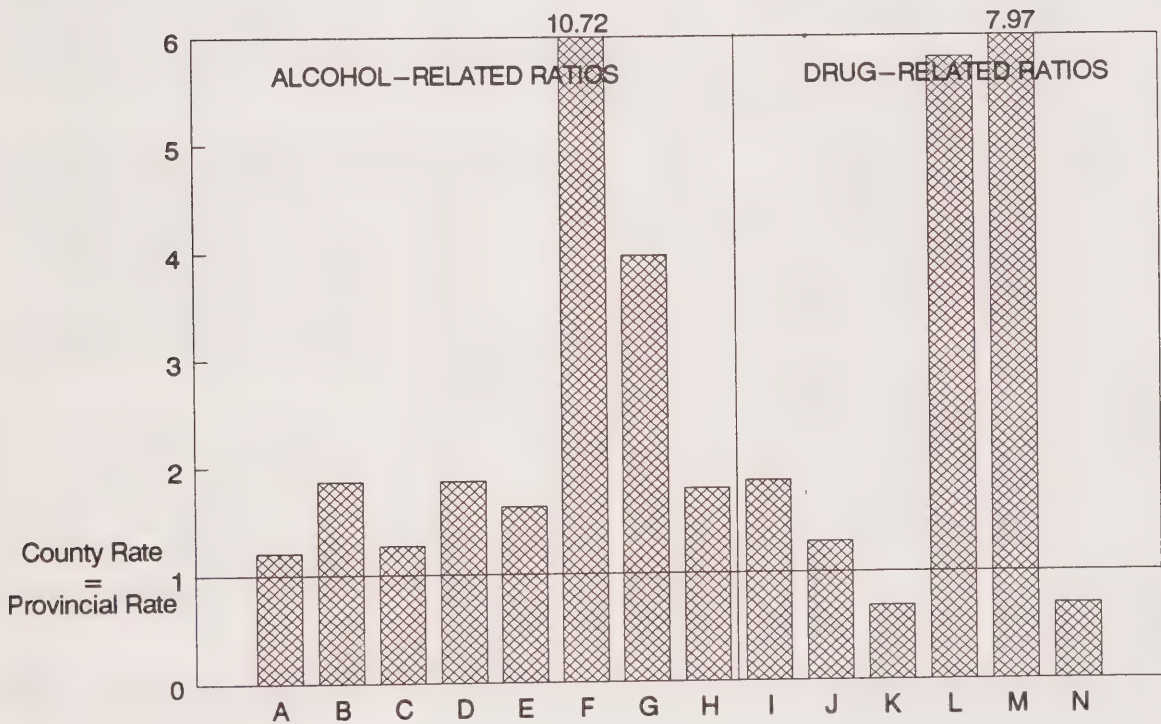
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2.6 | 3.2 | 0.6 | 0.6 | 0.6 |
| 3.2 | — | 1.3 | 1.3 | 0.6 |
| 1.3 | 1.3 | 2.6 | 1.9 | 1.3 |
| 7.1 | 4.5 | 4.5 | 3.8 | 2.5 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

THUNDER BAY

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 22.5 | 22.6 | 22.7 | 22.5 | 21.9 | 22.8 | 22.7 |
| 10-14 | 12.3 | 12.0 | 11.8 | 11.5 | 10.8 | 11.1 | 10.9 |
| 15-19 | 13.0 | 12.5 | 12.1 | 12.3 | 12.3 | 11.9 | 11.5 |
| 20-29 | 29.5 | 29.5 | 29.6 | 28.4 | 28.1 | 27.0 | 26.0 |
| 30-39 | 22.6 | 23.6 | 24.5 | 25.4 | 26.0 | 26.3 | 27.3 |
| 40-49 | 15.6 | 15.8 | 16.0 | 16.5 | 17.7 | 18.6 | 19.3 |
| 50-59 | 15.7 | 15.6 | 15.3 | 15.1 | 14.9 | 14.4 | 14.2 |
| 60-64 | 6.9 | 7.2 | 7.4 | 7.5 | 7.4 | 7.4 | 7.3 |
| 65-74 | 9.5 | 9.6 | 9.7 | 10.3 | 10.8 | 11.2 | 11.5 |
| 75+ | 5.9 | 6.1 | 6.1 | 5.9 | 6.1 | 6.3 | 6.7 |
| Total Population | 153.6 | 154.3 | 155.4 | 155.7 | 156.0 | 157.0 | 157.4 |
| Aged 15 and Over | 118.8 | 119.7 | 120.9 | 121.7 | 123.3 | 123.1 | 123.8 |
| Aged 20 and Over | 105.8 | 107.2 | 108.8 | 109.4 | 111.0 | 111.2 | 112.3 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

TIMISKAMING

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 317.4 |
| | | | | 18,630 |
| | | | | 4,919 |
| | | | | 2,204 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|-------|-------|
| 460 | 485 | 771 | 1,016 | 965 |
| n.a. | - | - | 1 | - |
| n.a. | 4 | 3 | 1 | 1 |
| 223 | 184 | 198 | 231 | 177 |
| 4 | 9 | 2 | 14 | 12 |
| 687 | 682 | 974 | 1,263 | 1,155 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 60 | 39 | 36 | 43 | 31 |
| 67 | 42 | 47 | 38 | 24 |
| 1 | 5 | 2 | 1 | 2 |
| 128 | 86 | 85 | 82 | 57 |

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

General Hospitals

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13 | 13 | 8 | 7 | 8 |
| 77 | 77 | 60 | 34 | 55 |
| 12 | 14 | 19 | 15 | 11 |
| 16 | 26 | 27 | 25 | 15 |
| 3 | 2 | 2 | 1 | 1 |
| 121 | 132 | 116 | 82 | 90 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7 | 5 | 3 | 4 | 6 |
| 96 | 105 | 78 | 83 | 77 |
| 6 | 5 | 6 | 6 | 6 |
| 29 | 22 | 43 | 29 | 27 |
| 1 | 2 | - | - | 1 |
| 139 | 139 | 130 | 122 | 117 |

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Mental Hospitals

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

TIMISKAMING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 10.1 |
| | | | | 59,578 |
| | | | | 15,731 |
| | | | | 7,048 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

County
 Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,122.0 | 1,203.5 | 1,922.7 | 2,514.9 | 2,394.5 |
| n.a. | - | - | 2.5 | - |
| n.a. | 9.9 | 7.5 | 2.5 | 2.5 |
| 543.9 | 456.6 | 493.8 | 571.8 | 439.2 |
| 9.8 | 22.3 | 5.0 | 34.7 | 29.8 |
| 1,675.6 | 1,692.3 | 2,428.9 | 3,126.2 | 2,866.0 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

County
 Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 146.3 | 96.8 | 89.8 | 106.4 | 76.9 |
| 163.4 | 104.2 | 117.2 | 94.1 | 59.6 |
| 2.4 | 12.4 | 5.0 | 2.5 | 5.0 |
| 312.2 | 213.4 | 212.0 | 203.0 | 141.4 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

County
 Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 31.7 | 32.3 | 20.0 | 17.3 | 19.9 |
| 187.8 | 191.1 | 149.6 | 84.2 | 136.5 |
| 29.3 | 34.7 | 47.4 | 37.1 | 27.3 |
| 39.0 | 64.5 | 67.3 | 61.9 | 37.2 |
| 7.3 | 5.0 | 5.0 | 2.5 | 2.5 |
| 295.1 | 327.5 | 289.3 | 203.0 | 223.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

County
 Province

| | | | | |
|-------|-------|-------|-------|-------|
| 17.1 | 12.4 | 7.5 | 9.9 | 14.9 |
| 234.1 | 260.5 | 194.5 | 205.4 | 191.1 |
| 14.6 | 12.4 | 15.0 | 14.9 | 14.9 |
| 70.7 | 54.6 | 107.2 | 71.8 | 67.0 |
| 2.4 | 5.0 | - | - | 2.5 |
| 339.0 | 344.9 | 324.2 | 302.0 | 290.3 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

County
 Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

County
 Province

| | | | | |
|-----|-----|-----|-----|-----|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

TIMISKAMING

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 1 | — |
| 2 | 1 | 2 | 3 | 1 |
| 6 | 9 | 8 | 9 | 5 |
| 8 | 10 | 10 | 13 | 6 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 25 | 30 | 45 | 63 | 51 |
| 1 | — | — | — | — |
| 7 | 4 | 13 | 10 | 2 |
| 35 | — | — | 6 | 4 |
| 1 | — | — | — | — |
| 1 | — | 1 | 4 | — |
| 70 | 35 | 60 | 83 | 57 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 1 | 3 | 1 | 4 |
| — | 1 | 5 | 9 | 11 |
| 1 | 7 | 4 | 6 | 3 |
| 11 | 8 | 13 | 19 | 23 |
| 2 | 6 | 5 | 4 | 11 |
| 12 | 13 | 16 | 19 | 11 |
| 27 | 36 | 46 | 58 | 63 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 2 | 1 | 3 | — | 2 |
| 4 | 10 | 10 | 9 | 3 |
| 11 | 4 | 11 | 22 | 10 |
| 6 | 3 | 6 | 6 | 5 |
| 1 | — | 1 | 5 | 4 |
| 5 | 5 | 6 | 4 | 3 |
| 29 | 23 | 37 | 46 | 27 |

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | 1 | 1 |
| — | 1 | — | 1 | — |
| — | — | — | — | — |
| — | 1 | — | 2 | 1 |

TIMISKAMING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | — | — | — | 2.5 | — |
| Alcohol Dependence Syndrome | 4.9 | 2.4 | 5.0 | 7.5 | 2.5 |
| Chronic Liver Disease and Cirrhosis | 14.6 | 22.0 | 19.9 | 22.4 | 12.4 |
| County | 19.5 | 24.4 | 24.8 | 32.4 | 14.9 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 60.6 | 75.6 | 113.1 | 156.8 | 125.8 |
| Heroin | 3.2 | — | — | — | — |
| Cocaine | 16.8 | 10.5 | 32.7 | 24.3 | 5.9 |
| Other Drugs | 84.6 | — | — | 15.6 | 10.6 |
| Controlled Drugs | 3.3 | — | — | — | — |
| Restricted Drugs | 3.2 | — | 3.0 | 9.8 | — |
| County | 171.5 | 86.2 | 148.8 | 206.5 | 142.3 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Primary Diagnoses | | | | | |
| Drug Psychoses | 2.4 | 2.5 | 7.5 | 2.5 | 9.9 |
| Drug Dependence | — | 2.5 | 12.5 | 22.3 | 27.3 |
| Nondependent Abuse of Drugs | 2.4 | 17.4 | 10.0 | 14.9 | 7.4 |
| Poisoning by Analgesics, Antipyretics... | 26.8 | 19.9 | 32.4 | 47.0 | 57.1 |
| Poisoning by Sedatives and Hypnotics | 4.9 | 14.9 | 12.5 | 9.9 | 27.3 |
| Poisoning by Psychotropic Agents | 29.3 | 32.3 | 39.9 | 47.0 | 27.3 |
| County | 65.9 | 89.3 | 114.7 | 143.6 | 156.3 |
| Province | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|--|---------|---------|---------|---------|---------|
| Drug Psychoses | 4.9 | 2.5 | 7.5 | — | 5.0 |
| Drug Dependence | 9.8 | 24.8 | 24.9 | 22.3 | 7.4 |
| Nondependent Abuse of Drugs | 26.8 | 9.9 | 27.4 | 54.5 | 24.8 |
| Poisoning by Analgesics, Antipyretics... | 14.6 | 7.4 | 15.0 | 14.9 | 12.4 |
| Poisoning by Sedatives and Hypnotics | 2.4 | — | 2.5 | 12.4 | 9.9 |
| Poisoning by Psychotropic Agents | 12.2 | 12.4 | 15.0 | 9.9 | 7.4 |
| County | 70.7 | 57.1 | 92.3 | 113.9 | 67.0 |
| Province | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Drug Psychoses | — | — | — | — | — |
| Drug Dependence | — | — | — | — | — |
| Nondependent Abuse of Drugs | — | — | — | — | — |
| County | — | — | — | — | — |
| Province | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------------------------|---------|---------|---------|---------|---------|
| Drug Psychoses | — | — | — | — | — |
| Drug Dependence | — | — | — | — | — |
| Nondependent Abuse of Drugs | — | — | — | — | — |
| County | — | — | — | — | — |
| Province | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

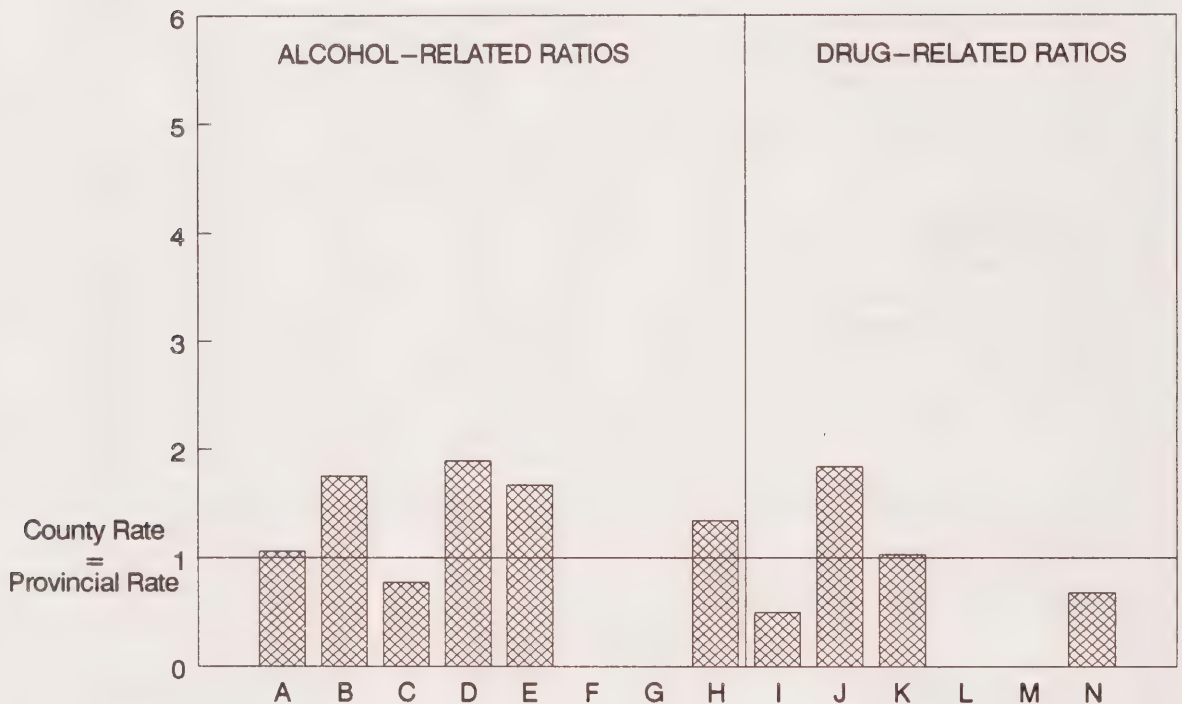
| | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------------|------|------|------|------|------|
| Accidental Poisoning | — | — | — | 2.5 | 2.5 |
| Suicide | — | 2.4 | — | 2.5 | — |
| Undetermined | — | — | — | — | — |
| County | — | 2.4 | — | 5.0 | 2.5 |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

TIMISKAMING

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0-9 | 6.2 | 6.2 | 6.0 | 5.9 | 6.0 | 6.0 | 5.9 |
| 10-14 | 3.5 | 3.3 | 3.3 | 3.2 | 3.1 | 3.1 | 3.0 |
| 15-19 | 4.0 | 3.7 | 3.6 | 3.4 | 3.3 | 3.3 | 3.1 |
| 20-29 | 6.7 | 7.0 | 7.3 | 6.3 | 6.0 | 6.1 | 6.0 |
| 30-39 | 5.3 | 5.4 | 5.5 | 5.8 | 5.7 | 5.8 | 6.1 |
| 40-49 | 4.2 | 4.2 | 4.1 | 4.4 | 4.5 | 4.7 | 4.9 |
| 50-59 | 4.1 | 4.0 | 4.0 | 4.1 | 4.1 | 4.0 | 4.0 |
| 60-64 | 1.9 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 |
| 65-74 | 3.4 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 75+ | 1.9 | 2.0 | 2.0 | 2.1 | 2.1 | 2.3 | 2.2 |
| Total Population | 41.3 | 41.1 | 41.0 | 40.3 | 40.1 | 40.4 | 40.3 |
| Aged 15 and Over | 31.6 | 31.6 | 31.7 | 31.2 | 31.0 | 31.3 | 31.4 |
| Aged 20 and Over | 27.6 | 27.9 | 28.1 | 27.8 | 27.7 | 28.0 | 28.3 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

METROPOLITAN TORONTO

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | 1988-89 |
|--|-----------|
| | 17,297.3 |
| | 1,168,360 |
| | 263,525 |
| | 116,350 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------|--------|--------|--------|--------|
| 22,066 | 34,938 | 24,262 | 17,611 | 14,771 |
| n.a. | 3 | 9 | 13 | 7 |
| n.a. | 174 | 149 | 116 | 140 |
| 4,418 | 5,391 | 4,665 | 4,212 | 4,414 |
| 950 | 730 | 660 | 552 | 595 |
| 27,434 | 41,236 | 29,745 | 22,504 | 19,927 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 1,608 | 1,388 | 1,466 | 1,684 | 1,841 |
| 1,970 | 1,641 | 1,889 | 1,636 | 1,561 |
| 44 | 36 | 34 | 49 | 36 |
| 3,622 | 3,065 | 3,389 | 3,369 | 3,438 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 308 | 370 | 397 | 338 | 351 |
| 924 | 940 | 1,097 | 987 | 863 |
| 188 | 161 | 137 | 139 | 153 |
| 887 | 894 | 934 | 835 | 932 |
| 53 | 40 | 46 | 50 | 51 |
| 2,360 | 2,405 | 2,611 | 2,349 | 2,350 |

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 202 | 213 | 196 | 207 | 194 |
| 2,240 | 2,166 | 2,014 | 1,853 | 1,716 |
| 224 | 262 | 242 | 235 | 267 |
| 1,272 | 1,224 | 1,207 | 1,184 | 1,132 |
| 23 | 24 | 16 | 19 | 19 |
| 3,961 | 3,889 | 3,675 | 3,498 | 3,328 |

Total

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 23 | 15 | 15 | 18 | 10 |
| 59 | 71 | 49 | 34 | 46 |
| 14 | 5 | 7 | 7 | 5 |
| 96 | 91 | 71 | 59 | 61 |

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13 | 16 | 8 | 2 | 2 |
| 72 | 77 | 85 | 76 | 61 |
| 19 | 4 | 15 | 7 | 13 |
| 104 | 97 | 108 | 85 | 76 |

Total

METROPOLITAN TORONTO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.2 |
| | | | | 62,149 |
| | | | | 14,018 |
| | | | | 6,189 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,012.3 | 1,593.4 | 1,106.8 | 812.2 | 692.9 |
| n.a. | 0.1 | 0.4 | 0.6 | 0.3 |
| n.a. | 7.9 | 6.8 | 5.3 | 6.6 |
| 202.7 | 245.9 | 212.8 | 194.2 | 207.1 |
| 43.6 | 33.3 | 30.1 | 25.5 | 27.9 |
| 1,258.6 | 1,880.6 | 1,357.0 | 1,037.8 | 934.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 73.8 | 63.3 | 66.9 | 77.7 | 86.4 |
| 90.4 | 74.8 | 86.2 | 75.5 | 73.2 |
| 2.0 | 1.7 | 1.6 | 2.2 | 1.7 |
| 166.2 | 139.8 | 154.6 | 155.4 | 161.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.1 | 16.9 | 18.1 | 15.6 | 16.5 |
| 42.4 | 42.9 | 50.0 | 45.5 | 40.5 |
| 8.6 | 7.3 | 6.3 | 6.4 | 7.2 |
| 40.7 | 40.8 | 42.6 | 38.5 | 43.7 |
| 2.4 | 1.8 | 2.1 | 2.3 | 2.4 |
| 108.3 | 109.7 | 119.1 | 108.3 | 110.2 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 9.3 | 9.7 | 8.9 | 9.5 | 9.1 |
| 102.8 | 98.8 | 91.9 | 85.5 | 80.5 |
| 10.3 | 11.9 | 11.0 | 10.8 | 12.5 |
| 58.4 | 55.8 | 55.1 | 54.6 | 53.1 |
| 1.1 | 1.1 | 0.7 | 0.9 | 0.9 |
| 181.7 | 177.4 | 167.7 | 161.3 | 156.1 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.1 | 0.7 | 0.7 | 0.8 | 0.5 |
| 2.7 | 3.2 | 2.2 | 1.6 | 2.2 |
| 0.6 | 0.2 | 0.3 | 0.3 | 0.2 |
| 4.4 | 4.2 | 3.2 | 2.7 | 2.9 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| 0.6 | 0.7 | 0.4 | 0.1 | 0.1 |
| 3.3 | 3.5 | 3.9 | 3.5 | 2.9 |
| 0.9 | 0.2 | 0.7 | 0.3 | 0.6 |
| 4.8 | 4.4 | 4.9 | 3.9 | 3.6 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

METROPOLITAN TORONTO

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 6 | 4 | 7 | 1 | 3 |
| 36 | 54 | 58 | 62 | 60 |
| 260 | 213 | 258 | 236 | 228 |
| 302 | 271 | 323 | 299 | 291 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|--------|
| 4,242 | 4,243 | 5,362 | 4,388 | 4,652 |
| 246 | 279 | 248 | 284 | 396 |
| 1,307 | 1,666 | 2,252 | 3,344 | 5,602 |
| 742 | 421 | 489 | 233 | 568 |
| 319 | 256 | 175 | 199 | 167 |
| 253 | 197 | 315 | 169 | 116 |
| 7,109 | 7,061 | 8,841 | 8,617 | 11,500 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 55 | 54 | 95 | 89 | 98 |
| 127 | 178 | 352 | 363 | 844 |
| 247 | 249 | 230 | 245 | 190 |
| 355 | 375 | 445 | 510 | 459 |
| 157 | 141 | 135 | 125 | 89 |
| 441 | 378 | 423 | 386 | 383 |
| 1,382 | 1,375 | 1,680 | 1,718 | 2,063 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 47 | 34 | 56 | 55 | 45 |
| 206 | 210 | 231 | 269 | 248 |
| 272 | 349 | 374 | 492 | 455 |
| 221 | 177 | 213 | 202 | 212 |
| 93 | 71 | 59 | 110 | 63 |
| 282 | 235 | 252 | 239 | 246 |
| 1,121 | 1,076 | 1,185 | 1,367 | 1,269 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 23 | 14 | 10 | 12 | 15 |
| 6 | 3 | 2 | 4 | 9 |
| 26 | 25 | 21 | 27 | 31 |
| 55 | 42 | 33 | 43 | 55 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 10 | 3 | 3 | 4 | 7 |
| 13 | 7 | 12 | 8 | 13 |
| 81 | 156 | 134 | 121 | 107 |
| 104 | 166 | 149 | 133 | 127 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 40 | 39 | 34 | 38 | 39 |
| 69 | 55 | 64 | 55 | 56 |
| 7 | 10 | 6 | 8 | 5 |
| 116 | 104 | 104 | 101 | 100 |

METROPOLITAN TORONTO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.3 | 0.2 | 0.3 | 0.0 | 0.1 |
| 1.7 | 2.5 | 2.6 | 2.8 | 2.8 |
| 12.0 | 9.8 | 11.8 | 10.8 | 10.5 |
| 14.0 | 12.4 | 14.7 | 13.6 | 13.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 194.6 | 193.5 | 244.6 | 202.3 | 218.2 |
| 11.3 | 12.7 | 11.3 | 13.1 | 18.6 |
| 60.0 | 76.0 | 102.7 | 154.2 | 262.8 |
| 34.0 | 19.2 | 22.3 | 10.7 | 26.6 |
| 14.6 | 11.7 | 8.0 | 9.2 | 7.8 |
| 11.6 | 9.0 | 14.4 | 7.8 | 5.5 |
| 326.1 | 322.0 | 403.3 | 397.4 | 539.5 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 2.5 | 4.3 | 4.1 | 4.6 |
| 5.8 | 8.1 | 16.1 | 16.7 | 39.6 |
| 11.3 | 11.4 | 10.5 | 11.3 | 8.9 |
| 16.3 | 17.1 | 20.3 | 23.5 | 21.5 |
| 7.2 | 6.4 | 6.2 | 5.8 | 4.2 |
| 20.2 | 17.2 | 19.3 | 17.8 | 18.0 |
| 63.4 | 62.7 | 76.6 | 79.2 | 96.8 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.2 | 1.6 | 2.6 | 2.5 | 2.1 |
| 9.5 | 9.6 | 10.5 | 12.4 | 11.6 |
| 12.5 | 15.9 | 17.1 | 22.7 | 21.3 |
| 10.1 | 8.1 | 9.7 | 9.3 | 9.9 |
| 4.3 | 3.2 | 2.7 | 5.1 | 3.0 |
| 12.9 | 10.7 | 11.5 | 11.0 | 11.5 |
| 51.4 | 49.1 | 54.1 | 63.0 | 59.5 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.1 | 0.6 | 0.5 | 0.6 | 0.7 |
| 0.3 | 0.1 | 0.1 | 0.2 | 0.4 |
| 1.2 | 1.1 | 1.0 | 1.2 | 1.5 |
| 2.5 | 1.9 | 1.5 | 2.0 | 2.6 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.5 | 0.1 | 0.1 | 0.2 | 0.3 |
| 0.6 | 0.3 | 0.5 | 0.4 | 0.6 |
| 3.7 | 7.1 | 6.1 | 5.6 | 5.0 |
| 4.8 | 7.6 | 6.8 | 6.1 | 6.0 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

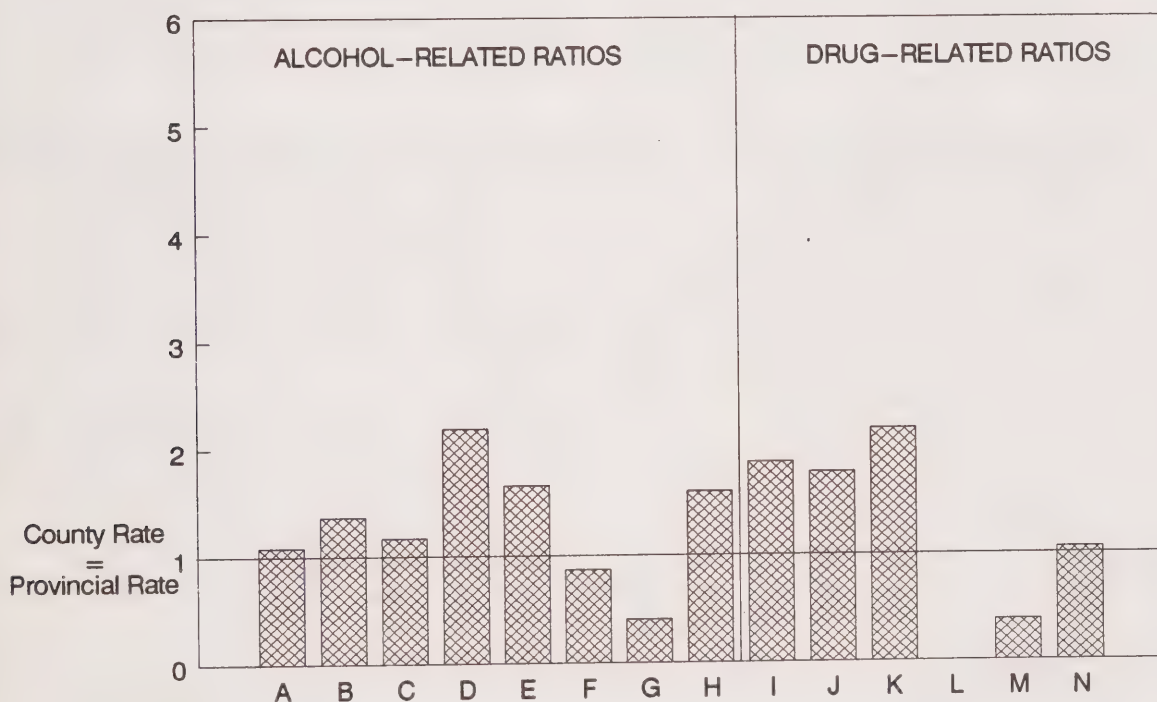
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.8 | 1.8 | 1.6 | 1.7 | 1.8 |
| 3.2 | 2.5 | 2.9 | 2.5 | 2.6 |
| 0.3 | 0.5 | 0.3 | 0.4 | 0.2 |
| 5.4 | 4.8 | 4.7 | 4.6 | 4.6 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

METROPOLITAN TORONTO

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| (in thousands) | | | | | | | |
| 0-9 | 254.0 | 254.2 | 256.2 | 248.3 | 253.1 | 249.5 | 245.1 |
| 10-14 | 137.8 | 133.7 | 129.4 | 121.8 | 119.5 | 120.7 | 116.5 |
| 15-19 | 162.4 | 154.6 | 149.0 | 150.4 | 142.0 | 145.6 | 141.9 |
| 20-29 | 422.4 | 425.0 | 423.7 | 444.1 | 440.7 | 434.8 | 421.1 |
| 30-39 | 340.0 | 350.0 | 363.4 | 361.1 | 360.2 | 356.3 | 355.2 |
| 40-49 | 248.5 | 250.4 | 253.2 | 256.4 | 263.5 | 257.2 | 257.3 |
| 50-59 | 252.2 | 250.7 | 249.5 | 244.3 | 239.9 | 237.9 | 232.9 |
| 60-64 | 105.2 | 112.5 | 115.8 | 114.1 | 113.7 | 112.2 | 109.5 |
| 65-74 | 142.0 | 143.0 | 148.0 | 150.8 | 154.7 | 151.5 | 150.5 |
| 75+ | 87.4 | 89.1 | 91.6 | 101.2 | 104.5 | 102.5 | 101.7 |
| Total Population | 2,152.2 | 2,163.1 | 2,179.7 | 2,192.7 | 2,192.0 | 2,168.4 | 2,131.7 |
| Aged 15 and Over | 1,760.4 | 1,775.2 | 1,794.1 | 1,822.6 | 1,819.4 | 1,798.2 | 1,770.1 |
| Aged 20 and Over | 1,598.0 | 1,620.6 | 1,645.1 | 1,672.2 | 1,677.4 | 1,652.6 | 1,628.2 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| |
|-----------------------------------|
| Litres (thousands) |
| Estimated Low Risk Consumers |
| Estimated Moderate Risk Consumers |
| Estimated High Risk Consumers |

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 526.8 |
| | | | | 24,302 |
| | | | | 8,453 |
| | | | | 3,934 |

LEGAL OFFENCES

| |
|--|
| Liquor Act |
| Impaired Operation Causing Death |
| Impaired Operation Causing Bodily Harm |
| Impaired Operation Over 80 mg% |
| Fail/Refuse to Provide Breath/Blood Sample |
| Total |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 1,083 | 955 | 1,018 | 1,312 | 1,264 |
| n.a. | - | - | - | 3 |
| n.a. | 3 | 3 | 9 | 4 |
| 289 | 267 | 185 | 254 | 246 |
| 13 | 11 | 9 | 21 | 17 |
| 1,385 | 1,236 | 1,215 | 1,596 | 1,534 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| |
|------------------------------|
| Resulting in Property Damage |
| Resulting in Personal Injury |
| Resulting in Fatalities |
| Total |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------------|------------|------------|------------|------------|
| 74 | 50 | 71 | 67 | 82 |
| 81 | 77 | 87 | 77 | 67 |
| 5 | 7 | 5 | 6 | 6 |
| 160 | 134 | 163 | 150 | 155 |

HOSPITAL SEPARATIONS

Primary Diagnoses

| |
|-------------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Chronic Liver Disease and Cirrhosis |
| Toxic Effects of Alcohol |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------|-----------|-----------|-----------|-----------|
| 4 | 6 | 5 | 9 | 8 |
| 20 | 17 | 26 | 19 | 13 |
| 4 | - | 2 | - | 5 |
| 19 | 12 | 26 | 31 | 21 |
| - | 2 | - | 1 | - |
| 47 | 37 | 59 | 60 | 47 |

Secondary Diagnoses

| |
|-------------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Chronic Liver Disease and Cirrhosis |
| Toxic Effects of Alcohol |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------|-----------|-----------|------------|-----------|
| 7 | 8 | 3 | 9 | 4 |
| 40 | 32 | 47 | 65 | 53 |
| - | 8 | 6 | 9 | 6 |
| 43 | 41 | 30 | 22 | 31 |
| - | 2 | - | 1 | 3 |
| 90 | 91 | 86 | 106 | 97 |

Primary Diagnoses

| |
|-------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|----------|----------|----------|----------|----------|
| 1 | - | 1 | 5 | 1 |
| 2 | - | 1 | 2 | 1 |
| - | - | 2 | - | 1 |
| 3 | - | 4 | 7 | 3 |

Secondary Diagnoses

| |
|-------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|----------|----------|----------|----------|----------|
| - | - | - | - | - |
| 3 | 4 | - | - | 3 |
| - | - | - | 1 | 2 |
| 3 | 4 | - | 1 | 5 |

VICTORIA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 11.8 |
| | | | | 54,550 |
| | | | | 18,974 |
| | | | | 8,831 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 2,107.0 | 1,815.6 | 1,850.9 | 2,281.7 | 2,092.7 |
| n.a. | — | — | — | 5.0 |
| n.a. | 5.7 | 5.5 | 15.7 | 6.6 |
| 562.3 | 507.6 | 336.4 | 441.7 | 407.3 |
| 25.3 | 20.9 | 16.4 | 36.5 | 28.1 |
| 2,694.6 | 2,349.8 | 2,209.1 | 2,775.7 | 2,539.7 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 144.0 | 95.1 | 129.1 | 116.5 | 135.8 |
| 157.6 | 146.4 | 158.2 | 133.9 | 110.9 |
| 9.7 | 13.3 | 9.1 | 10.4 | 9.9 |
| 311.3 | 254.8 | 296.4 | 260.9 | 256.6 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 7.8 | 11.4 | 9.1 | 15.7 | 13.2 |
| 38.9 | 32.3 | 47.3 | 33.0 | 21.5 |
| 7.8 | — | 3.6 | — | 8.3 |
| 37.0 | 22.8 | 47.3 | 53.9 | 34.8 |
| — | 3.8 | — | 1.7 | — |
| 91.4 | 70.3 | 107.3 | 104.3 | 77.8 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.6 | 15.2 | 5.5 | 15.7 | 6.6 |
| 77.8 | 60.8 | 85.5 | 113.0 | 87.7 |
| — | 15.2 | 10.9 | 15.7 | 9.9 |
| 83.7 | 77.9 | 54.5 | 38.3 | 51.3 |
| — | 3.8 | — | 1.7 | 5.0 |
| 175.1 | 173.0 | 156.4 | 184.3 | 160.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | — | 1.8 | 8.7 | 1.7 |
| 3.9 | — | 1.8 | 3.5 | 1.7 |
| — | — | 3.6 | — | 1.7 |
| 5.8 | — | 7.3 | 12.2 | 5.0 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 5.8 | 7.6 | — | — | 5.0 |
| — | — | — | 1.7 | 3.3 |
| 5.8 | 7.6 | — | 1.7 | 8.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

VICTORIA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | - | - | 1 | - |
| 2 | 7 | 4 | 8 | 6 |
| 2 | 7 | 4 | 9 | 6 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 107 | 57 | 136 | 80 | 95 |
| - | - | - | - | - |
| 1 | - | 1 | 15 | 6 |
| 21 | - | 6 | 6 | 26 |
| - | - | - | - | - |
| 3 | 3 | 1 | 1 | 4 |
| 132 | 60 | 145 | 102 | 131 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | 2 | 1 | 1 | - |
| 4 | 2 | 5 | 2 | 8 |
| 1 | 1 | 2 | 2 | 1 |
| 5 | 7 | 10 | 13 | 10 |
| - | 2 | 4 | 3 | 6 |
| 9 | 5 | 7 | 10 | 12 |
| 20 | 19 | 29 | 31 | 37 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|----|----|
| 1 | 1 | 2 | 1 | - |
| 3 | 4 | 4 | 2 | 6 |
| 11 | 16 | 17 | 25 | 24 |
| 3 | 6 | 10 | 6 | 12 |
| 1 | 2 | 2 | 1 | 2 |
| 8 | 9 | 5 | 10 | 3 |
| 27 | 38 | 40 | 45 | 47 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | - | - |
| - | 1 | 2 | - | - |
| - | 2 | - | - | 1 |
| - | 3 | 2 | - | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | - | - |
| 1 | - | - | - | - |
| 4 | 1 | 3 | 7 | 1 |
| 5 | 1 | 3 | 7 | 1 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| - | - | - | - | - |
| - | - | - | - | 3 |
| - | 1 | - | - | - |
| - | 1 | - | - | 3 |

VICTORIA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | — | 1.8 | — |
| 4.0 | 13.6 | 7.6 | 14.5 | 10.4 |
| 4.0 | 13.6 | 7.6 | 16.4 | 10.4 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 207.8 | 108.9 | 247.5 | 139.2 | 157.9 |
| — | — | — | — | — |
| 2.7 | — | 2.4 | 25.6 | 9.9 |
| 40.5 | — | 11.1 | 10.9 | 42.4 |
| — | — | — | — | — |
| 5.0 | 4.8 | 2.2 | 2.3 | 7.0 |
| 256.0 | 113.7 | 263.2 | 178.1 | 217.2 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|--|--|--|
| General Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychosés | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | County | |
| | Province | |
| | <u>Secondary Diagnoses</u> | |
| Drug Psychosés | | |
| Drug Dependence | | |
| Nondependent Abuse of Drugs | | |
| Poisoning by Analgesics, Antipyretics... | | |
| Poisoning by Sedatives and Hypnotics | | |
| Poisoning by Psychotropic Agents | | |
| County | | |
| Province | | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.9 | 3.8 | 1.8 | 1.7 | — |
| 7.8 | 3.8 | 9.1 | 3.5 | 13.2 |
| 1.9 | 1.9 | 3.6 | 3.5 | 1.7 |
| 9.7 | 13.3 | 18.2 | 22.6 | 16.6 |
| — | 3.8 | 7.3 | 5.2 | 9.9 |
| 17.5 | 9.5 | 12.7 | 17.4 | 19.9 |
| 38.9 | 36.1 | 52.7 | 53.9 | 61.3 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | County |
| | | Province |
| | <u>Secondary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | County | |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| — | 1.9 | 3.6 | — | — |
| — | 3.8 | — | — | 1.7 |
| — | 5.7 | 3.6 | — | 1.7 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | — |
| 1.9 | — | — | — | — |
| 7.8 | 1.9 | 5.5 | 12.2 | 1.7 |
| 9.7 | 1.9 | 5.5 | 12.2 | 1.7 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

| | |
|--|--|
| <u>From Drugs, Medicaments & Biologicals</u> | |
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

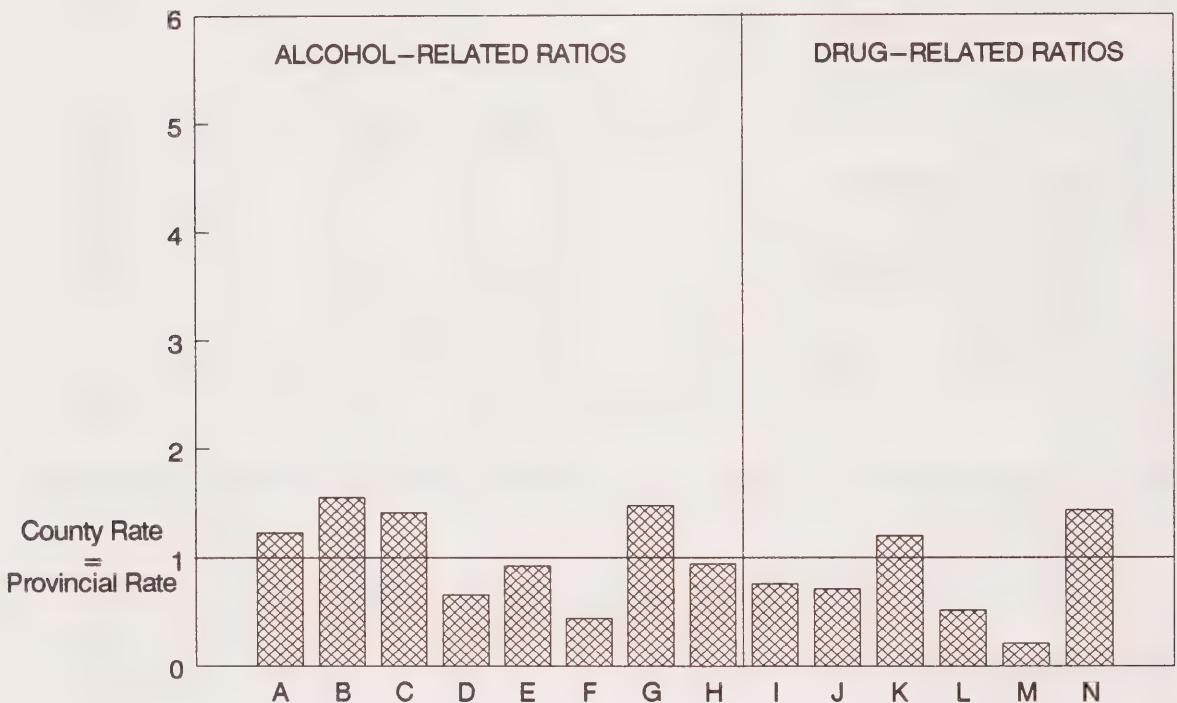
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| — | — | — | — | 5.2 |
| — | 1.9 | — | — | — |
| — | 1.9 | — | — | 5.2 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

VICTORIA

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (in thousands) | | | | | | | |
| 0- 9 | 6.7 | 6.9 | 7.0 | 7.4 | 7.7 | 8.3 | 8.8 |
| 10-14 | 3.5 | 3.5 | 3.5 | 3.7 | 3.8 | 3.9 | 4.1 |
| 15-19 | 3.8 | 3.7 | 3.5 | 3.6 | 3.7 | 3.7 | 3.8 |
| 20-29 | 6.2 | 6.2 | 6.1 | 7.1 | 7.2 | 7.1 | 7.8 |
| 30-39 | 7.2 | 7.4 | 7.5 | 7.6 | 8.0 | 8.5 | 9.0 |
| 40-49 | 4.9 | 5.0 | 5.2 | 5.5 | 6.1 | 6.6 | 7.4 |
| 50-59 | 5.4 | 5.5 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 |
| 60-64 | 3.2 | 3.4 | 3.4 | 3.3 | 3.4 | 3.5 | 3.6 |
| 65-74 | 5.6 | 5.8 | 6.2 | 5.7 | 6.1 | 6.6 | 6.4 |
| 75+ | 3.0 | 3.3 | 3.5 | 3.3 | 3.5 | 3.9 | 4.1 |
| Total Population | 49.5 | 50.5 | 51.4 | 52.6 | 55.0 | 57.5 | 60.4 |
| Aged 15 and Over | 39.3 | 40.1 | 40.9 | 41.5 | 43.5 | 45.3 | 47.5 |
| Aged 20 and Over | 35.5 | 36.4 | 37.4 | 37.9 | 39.8 | 41.6 | 43.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

WATERLOO

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

| |
|-----------------------------------|
| Litres (thousands) |
| Estimated Low Risk Consumers |
| Estimated Moderate Risk Consumers |
| Estimated High Risk Consumers |

| | 1988-89 |
|--|---------|
| | 2,666.9 |
| | 166,842 |
| | 41,077 |
| | 18,264 |

LEGAL OFFENCES

| |
|--|
| Liquor Act |
| Impaired Operation Causing Death |
| Impaired Operation Causing Bodily Harm |
| Impaired Operation Over 80 mg% |
| Fail/Refuse to Provide Breath/Blood Sample |
| Total |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------------|--------------|--------------|--------------|--------------|
| 3,118 | 2,894 | 3,196 | 3,001 | 2,470 |
| n.a. | - | 3 | 2 | 2 |
| n.a. | 45 | 34 | 35 | 34 |
| 1,580 | 1,394 | 1,231 | 1,378 | 1,323 |
| 92 | 102 | 121 | 120 | 135 |
| 4,790 | 4,435 | 4,585 | 4,536 | 3,964 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

| |
|------------------------------|
| Resulting in Property Damage |
| Resulting in Personal Injury |
| Resulting in Fatalities |
| Total |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------------|------------|------------|------------|------------|
| 370 | 316 | 327 | 387 | 365 |
| 425 | 366 | 390 | 353 | 293 |
| 17 | 10 | 12 | 10 | 9 |
| 812 | 692 | 729 | 750 | 667 |

HOSPITAL SEPARATIONS

| | |
|-------------------|-------------------------------------|
| General Hospitals | Primary Diagnoses |
| | Alcoholic Psychoses |
| | Alcohol Dependence Syndrome |
| | Nondependent Abuse of Alcohol |
| | Chronic Liver Disease and Cirrhosis |
| | Toxic Effects of Alcohol |
| Total | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------|------------|------------|------------|------------|
| 47 | 54 | 52 | 46 | 49 |
| 116 | 149 | 196 | 179 | 91 |
| 38 | 56 | 53 | 48 | 66 |
| 94 | 111 | 137 | 104 | 79 |
| 16 | 10 | 14 | 14 | 12 |
| 311 | 380 | 452 | 391 | 297 |

Secondary Diagnoses

| |
|-------------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Chronic Liver Disease and Cirrhosis |
| Toxic Effects of Alcohol |
| Total |

| | | | | |
|-----|-----|-----|-----|-----|
| 31 | 27 | 26 | 23 | 31 |
| 305 | 295 | 264 | 282 | 301 |
| 58 | 78 | 63 | 68 | 57 |
| 166 | 169 | 119 | 141 | 134 |
| 21 | 18 | 21 | 21 | 5 |
| 581 | 587 | 493 | 535 | 528 |

| | |
|------------------|-------------------------------|
| Mental Hospitals | Primary Diagnoses |
| | Alcoholic Psychoses |
| | Alcohol Dependence Syndrome |
| | Nondependent Abuse of Alcohol |
| Total | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-----------|-----------|-----------|-----------|-----------|
| - | 2 | 2 | 1 | - |
| 13 | 14 | 23 | 17 | 10 |
| - | - | - | - | - |
| 13 | 16 | 25 | 18 | 10 |

Secondary Diagnoses

| |
|-------------------------------|
| Alcoholic Psychoses |
| Alcohol Dependence Syndrome |
| Nondependent Abuse of Alcohol |
| Total |

| | | | | |
|---|----|----|----|---|
| 1 | — | 3 | 1 | — |
| 6 | 15 | 18 | 14 | 9 |
| — | — | — | — | — |
| 7 | 15 | 21 | 15 | 9 |

WATERLOO

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.7 |
| | | | | 60,749 |
| | | | | 14,957 |
| | | | | 6,655 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 966.5 | 878.8 | 945.3 | 862.4 | 688.4 |
| n.a. | — | 0.9 | 0.6 | 0.6 |
| n.a. | 13.7 | 10.1 | 10.1 | 9.5 |
| 489.8 | 423.3 | 364.1 | 396.0 | 368.7 |
| 28.5 | 31.0 | 35.8 | 34.5 | 37.6 |
| 1,484.8 | 1,346.8 | 1,356.1 | 1,303.4 | 1,104.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 114.7 | 96.0 | 96.7 | 111.2 | 101.7 |
| 131.7 | 111.1 | 115.4 | 101.4 | 81.7 |
| 5.3 | 3.0 | 3.5 | 2.9 | 2.5 |
| 251.7 | 210.1 | 215.6 | 215.5 | 185.9 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.6 | 16.4 | 15.4 | 13.2 | 13.7 |
| 36.0 | 45.2 | 58.0 | 51.4 | 25.4 |
| 11.8 | 17.0 | 15.7 | 13.8 | 18.4 |
| 29.1 | 33.7 | 40.5 | 29.9 | 22.0 |
| 5.0 | 3.0 | 4.1 | 4.0 | 3.3 |
| 96.4 | 115.4 | 133.7 | 112.4 | 82.8 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.6 | 8.2 | 7.7 | 6.6 | 8.6 |
| 94.5 | 89.6 | 78.1 | 81.0 | 83.9 |
| 18.0 | 23.7 | 18.6 | 19.5 | 15.9 |
| 51.5 | 51.3 | 35.2 | 40.5 | 37.3 |
| 6.5 | 5.5 | 6.2 | 6.0 | 1.4 |
| 180.1 | 178.3 | 145.8 | 153.7 | 147.2 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | 0.6 | 0.6 | 0.3 | — |
| 4.0 | 4.3 | 6.8 | 4.9 | 2.8 |
| — | — | — | — | — |
| 4.0 | 4.9 | 7.4 | 5.2 | 2.8 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | — | 0.9 | 0.3 | — |
| 1.9 | 4.6 | 5.3 | 4.0 | 2.5 |
| — | — | — | — | — |
| 2.2 | 4.6 | 6.2 | 4.3 | 2.5 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

WATERLOO

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 4 | 3 | 5 | 3 | 2 |
| 27 | 25 | 27 | 21 | 24 |
| 31 | 28 | 32 | 24 | 26 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 288 | 251 | 319 | 450 | 404 |
| — | 1 | — | — | — |
| 6 | 8 | 30 | 47 | 60 |
| 14 | 24 | 37 | 16 | 26 |
| 1 | 2 | — | — | — |
| 8 | 19 | 22 | 26 | 28 |
| 317 | 305 | 408 | 539 | 518 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 8 | 6 | 5 | 6 | 8 |
| 11 | 13 | 17 | 22 | 13 |
| 14 | 12 | 18 | 15 | 16 |
| 94 | 101 | 98 | 141 | 102 |
| 46 | 30 | 36 | 35 | 24 |
| 121 | 129 | 123 | 149 | 108 |
| 294 | 291 | 297 | 368 | 271 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|----|----|----|-----|-----|
| 4 | 10 | 5 | 11 | 9 |
| 20 | 14 | 18 | 24 | 24 |
| 30 | 21 | 35 | 44 | 36 |
| 15 | 9 | 19 | 13 | 34 |
| 4 | 11 | 4 | 17 | 4 |
| 16 | 11 | 12 | 11 | 54 |
| 89 | 76 | 93 | 120 | 161 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1 | — | 1 | 1 | 2 |
| 3 | 3 | — | 3 | 9 |
| 1 | — | 1 | — | 1 |
| 5 | 3 | 2 | 4 | 12 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|----|----|----|----|----|
| — | — | — | 1 | 2 |
| 6 | 7 | 9 | 9 | 9 |
| 7 | 7 | 13 | 14 | 11 |
| 13 | 14 | 22 | 24 | 22 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 6 | — | 2 | 6 | — |
| 12 | 2 | 4 | 4 | 4 |
| — | 1 | 1 | — | 1 |
| 18 | 3 | 7 | 10 | 5 |

WATERLOO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | — | — | — |
| 1.3 | 0.9 | 1.5 | 0.9 | 0.6 |
| 8.5 | 7.7 | 8.2 | 6.2 | 6.9 |
| 9.8 | 8.7 | 9.7 | 7.1 | 7.5 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 89.3 | 76.2 | 94.3 | 129.4 | 112.7 |
| — | 0.4 | — | — | — |
| 1.7 | 2.6 | 8.9 | 13.4 | 16.7 |
| 4.3 | 7.2 | 10.9 | 4.5 | 7.1 |
| 0.4 | 0.5 | — | — | — |
| 2.4 | 5.7 | 6.5 | 7.6 | 7.8 |
| 98.1 | 92.6 | 120.5 | 155.0 | 144.3 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2.5 | 1.8 | 1.5 | 1.7 | 2.2 |
| 3.4 | 3.9 | 5.0 | 6.3 | 3.6 |
| 4.3 | 3.6 | 5.3 | 4.3 | 4.5 |
| 29.1 | 30.7 | 29.0 | 40.5 | 28.4 |
| 14.3 | 9.1 | 10.6 | 10.1 | 6.7 |
| 37.5 | 39.2 | 36.4 | 42.8 | 30.1 |
| 91.1 | 88.4 | 87.8 | 105.7 | 75.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| | | | | |
|------|------|------|------|------|
| 1.2 | 3.0 | 1.5 | 3.2 | 2.5 |
| 6.2 | 4.3 | 5.3 | 6.9 | 6.7 |
| 9.3 | 6.4 | 10.4 | 12.6 | 10.0 |
| 4.6 | 2.7 | 5.6 | 3.7 | 9.5 |
| 1.2 | 3.3 | 1.2 | 4.9 | 1.1 |
| 5.0 | 3.3 | 3.5 | 3.2 | 15.1 |
| 27.6 | 23.1 | 27.5 | 34.5 | 44.9 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.3 | — | 0.3 | 0.3 | 0.6 |
| 0.9 | 0.9 | — | 0.9 | 2.5 |
| 0.3 | — | 0.3 | — | 0.3 |
| 1.5 | 0.9 | 0.6 | 1.1 | 3.3 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| — | — | — | 0.3 | 0.6 |
| 1.9 | 2.1 | 2.7 | 2.6 | 2.5 |
| 2.2 | 2.1 | 3.8 | 4.0 | 3.1 |
| 4.0 | 4.3 | 6.5 | 6.9 | 6.1 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

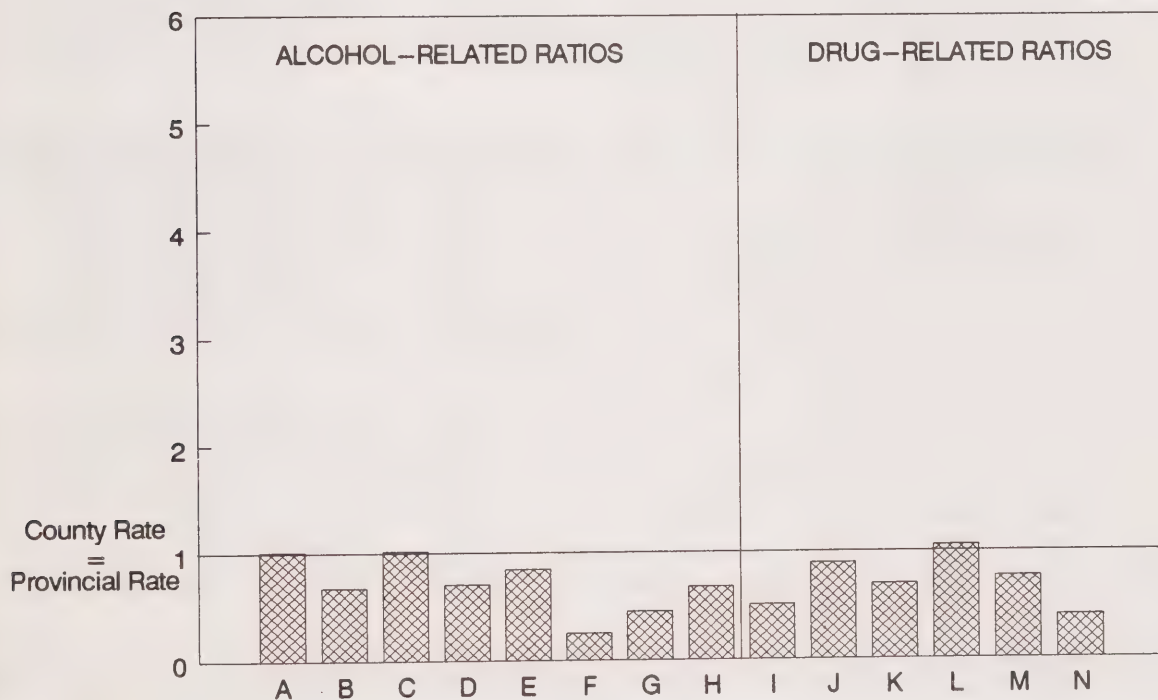
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1.9 | — | 0.6 | 1.8 | — |
| 3.8 | 0.6 | 1.2 | 1.2 | 1.1 |
| — | 0.3 | 0.3 | — | 0.3 |
| 5.7 | 0.9 | 2.1 | 3.0 | 1.4 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

WATERLOO

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0- 9 | 46.5 | 46.8 | 47.0 | 48.6 | 49.7 | 51.1 | 52.8 |
| 10-14 | 25.2 | 24.9 | 24.7 | 24.4 | 24.6 | 24.4 | 24.5 |
| 15-19 | 26.8 | 26.1 | 25.8 | 26.2 | 26.5 | 26.5 | 25.7 |
| 20-29 | 58.9 | 60.1 | 61.4 | 61.9 | 63.1 | 63.5 | 64.9 |
| 30-39 | 49.9 | 51.2 | 52.7 | 54.7 | 55.7 | 57.1 | 61.6 |
| 40-49 | 33.7 | 34.9 | 36.2 | 37.6 | 40.3 | 44.0 | 47.1 |
| 50-59 | 30.4 | 30.5 | 30.7 | 30.2 | 30.6 | 30.7 | 30.7 |
| 60-64 | 12.6 | 13.3 | 14.0 | 13.9 | 14.1 | 14.7 | 14.4 |
| 65-74 | 17.1 | 17.5 | 18.2 | 19.0 | 20.2 | 21.7 | 22.1 |
| 75+ | 11.4 | 11.8 | 12.1 | 12.8 | 13.3 | 14.3 | 15.0 |
| Total Population | 312.7 | 317.3 | 322.6 | 329.3 | 338.1 | 348.0 | 358.8 |
| Aged 15 and Over | 241.0 | 245.6 | 250.9 | 256.3 | 263.8 | 272.5 | 281.5 |
| Aged 20 and Over | 214.2 | 219.5 | 225.1 | 230.1 | 237.3 | 246.0 | 255.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

WELLINGTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|---------|
| | | | | 1,046.9 |
| | | | | 71,366 |
| | | | | 15,858 |
| | | | | 6,991 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 2,544 | 2,521 | 2,457 | 2,315 | 1,903 |
| n.a. | 1 | - | 1 | 2 |
| n.a. | 10 | 6 | 5 | 5 |
| 683 | 455 | 479 | 678 | 512 |
| 15 | 10 | 21 | 35 | 48 |
| 3,242 | 2,997 | 2,963 | 3,034 | 2,470 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 130 | 135 | 128 | 140 | 134 |
| 186 | 151 | 175 | 148 | 154 |
| 13 | 8 | 14 | 10 | 6 |
| 329 | 294 | 317 | 298 | 294 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 20 | 11 | 19 | 15 | 15 |
| 146 | 137 | 140 | 131 | 28 |
| 28 | 24 | 24 | 41 | 18 |
| 30 | 45 | 44 | 51 | 44 |
| 7 | 4 | 8 | 2 | 8 |
| 231 | 221 | 235 | 240 | 113 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 18 | 16 | 19 | 19 | 14 |
| 157 | 137 | 132 | 120 | 95 |
| 29 | 41 | 62 | 51 | 26 |
| 69 | 94 | 59 | 68 | 47 |
| 5 | 1 | 3 | 3 | 2 |
| 278 | 289 | 275 | 261 | 184 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | - | - | - |
| 5 | 3 | 7 | 2 | 5 |
| - | - | - | - | - |
| 7 | 4 | 7 | 2 | 5 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|---|---|---|
| - | - | - | 1 | 1 |
| 2 | 5 | 6 | 3 | - |
| 1 | - | - | - | 1 |
| 3 | 5 | 6 | 4 | 2 |

WELLINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.2 |
| | | | | 62,383 |
| | | | | 13,862 |
| | | | | 6,111 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,859.6 | 1,807.2 | 1,718.2 | 1,568.4 | 1,253.6 |
| n.a. | 0.7 | - | 0.7 | 1.3 |
| n.a. | 7.2 | 4.2 | 3.4 | 3.3 |
| 499.3 | 326.2 | 335.0 | 459.3 | 337.3 |
| 11.0 | 7.2 | 14.7 | 23.7 | 31.6 |
| 2,369.9 | 2,148.4 | 2,072.0 | 2,055.6 | 1,627.1 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 95.0 | 96.8 | 89.5 | 94.9 | 88.3 |
| 136.0 | 108.2 | 122.4 | 100.3 | 101.4 |
| 9.5 | 5.7 | 9.8 | 6.8 | 4.0 |
| 240.5 | 210.8 | 221.7 | 201.9 | 193.7 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 14.6 | 7.9 | 13.3 | 10.2 | 9.9 |
| 106.7 | 98.2 | 97.9 | 88.8 | 18.4 |
| 20.5 | 17.2 | 16.8 | 27.8 | 11.9 |
| 21.9 | 32.3 | 30.8 | 34.6 | 29.0 |
| 5.1 | 2.9 | 5.6 | 1.4 | 5.3 |
| 168.9 | 158.4 | 164.3 | 162.6 | 74.4 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 13.2 | 11.5 | 13.3 | 12.9 | 9.2 |
| 114.8 | 98.2 | 92.3 | 81.3 | 62.6 |
| 21.2 | 29.4 | 43.4 | 34.6 | 17.1 |
| 50.4 | 67.4 | 41.3 | 46.1 | 31.0 |
| 3.7 | 0.7 | 2.1 | 2.0 | 1.3 |
| 203.2 | 207.2 | 192.3 | 176.8 | 121.2 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.5 | 0.7 | - | - | - |
| 3.7 | 2.2 | 4.9 | 1.4 | 3.3 |
| - | - | - | - | - |
| 5.1 | 2.9 | 4.9 | 1.4 | 3.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | - | 0.7 | 0.7 |
| 1.5 | 3.6 | 4.2 | 2.0 | - |
| 0.7 | - | - | - | 0.7 |
| 2.2 | 3.6 | 4.2 | 2.7 | 1.3 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

WELLINGTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|------|
| - | - | 1 | - | - | - |
| 2 | 1 | 1 | 1 | 1 | 1 |
| 10 | 8 | 18 | 16 | 14 | 14 |
| 12 | 9 | 20 | 17 | 15 | 15 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|------|------|------|------|------|------|
| 88 | 149 | 126 | 196 | 129 | 129 |
| 4 | 1 | 3 | 7 | - | - |
| - | 20 | 10 | 15 | 13 | 13 |
| - | 6 | 61 | 22 | 9 | 9 |
| 1 | - | - | 2 | - | - |
| 14 | 6 | 16 | 11 | 6 | 6 |
| 108 | 182 | 216 | 252 | 156 | 156 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 |
|---------|---------|---------|---------|---------|---------|
| 5 | 6 | 6 | 4 | 5 | 5 |
| 10 | 12 | 19 | 16 | 14 | 14 |
| 13 | 14 | 11 | 17 | 4 | 4 |
| 50 | 39 | 52 | 61 | 61 | 61 |
| 14 | 12 | 16 | 12 | 12 | 12 |
| 67 | 60 | 56 | 43 | 52 | 52 |
| 159 | 143 | 160 | 153 | 148 | 148 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 |
|---------|---------|---------|---------|---------|---------|
| 5 | 6 | 7 | 5 | 8 | 8 |
| 15 | 26 | 25 | 19 | 10 | 10 |
| 20 | 21 | 25 | 31 | 19 | 19 |
| 14 | 9 | 11 | 11 | 8 | 8 |
| 2 | 2 | 3 | 1 | 2 | 2 |
| 8 | 11 | 6 | 10 | 7 | 7 |
| 64 | 75 | 77 | 77 | 54 | 54 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 |
|---------|---------|---------|---------|---------|---------|
| 1 | - | 1 | - | - | - |
| 2 | - | 6 | 1 | 1 | 1 |
| - | - | 3 | - | 1 | 1 |
| 3 | - | 10 | 1 | 2 | 2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 |
|---------|---------|---------|---------|---------|---------|
| 1 | - | - | - | 1 | 1 |
| 1 | 2 | 4 | - | 3 | 3 |
| 1 | - | 1 | 4 | 6 | 6 |
| 3 | 2 | 5 | 4 | 10 | 10 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|------|
| - | 1 | - | - | - | - |
| 3 | 4 | 1 | 2 | - | - |
| - | - | - | - | - | - |
| 3 | 5 | 1 | 2 | - | - |

WELLINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | |
|-------------------------------------|--|
| Alcohol Psychoses | |
| Alcohol Dependence Syndrome | |
| Chronic Liver Disease and Cirrhosis | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | — | 0.7 | — | — |
| 1.5 | 0.7 | 0.7 | 0.7 | 0.7 |
| 7.4 | 5.8 | 12.9 | 11.2 | 9.5 |
| 8.9 | 6.6 | 14.3 | 11.9 | 10.2 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | |
|------------------|--|
| Marijuana | |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | |
| Restricted Drugs | |
| County | |
| Province | |

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 64.4 | 106.6 | 88.1 | 132.8 | 85.1 |
| 2.9 | 0.9 | 1.9 | 4.5 | — |
| — | 14.2 | 7.3 | 10.0 | 8.7 |
| — | 4.3 | 42.8 | 14.9 | 5.6 |
| 1.0 | — | — | 1.4 | — |
| 10.4 | 4.5 | 11.1 | 7.2 | 3.7 |
| 78.7 | 130.4 | 151.2 | 170.7 | 103.1 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | |
|-----------|--|--------|
| Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | Poisoning by Analgesics, Antipyretics... | |
| | Poisoning by Sedatives and Hypnotics | |
| | Poisoning by Psychotropic Agents | |
| | | County |
| | Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.7 | 4.3 | 4.2 | 2.7 | 3.3 |
| 7.3 | 8.6 | 13.3 | 10.8 | 9.2 |
| 9.5 | 10.0 | 7.7 | 11.5 | 2.6 |
| 36.5 | 28.0 | 36.4 | 41.3 | 40.2 |
| 10.2 | 8.6 | 11.2 | 8.1 | 7.9 |
| 49.0 | 43.0 | 39.2 | 29.1 | 34.3 |
| 116.2 | 102.5 | 111.9 | 103.7 | 97.5 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

| | |
|--|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| Poisoning by Analgesics, Antipyretics... | |
| Poisoning by Sedatives and Hypnotics | |
| Poisoning by Psychotropic Agents | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3.7 | 4.3 | 4.9 | 3.4 | 5.3 |
| 11.0 | 18.6 | 17.5 | 12.9 | 6.6 |
| 14.6 | 15.1 | 17.5 | 21.0 | 12.5 |
| 10.2 | 6.5 | 7.7 | 7.5 | 5.3 |
| 1.5 | 1.4 | 2.1 | 0.7 | 1.3 |
| 5.8 | 7.9 | 4.2 | 6.8 | 4.6 |
| 46.8 | 53.8 | 53.8 | 52.2 | 35.6 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | |
|------------------|-----------------------------|----------|
| Mental Hospitals | <u>Primary Diagnoses</u> | |
| | Drug Psychoses | |
| | Drug Dependence | |
| | Nondependent Abuse of Drugs | |
| | | |
| | | County |
| | | Province |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.7 | — | 0.7 | — | — |
| 1.5 | — | 4.2 | 0.7 | 0.7 |
| — | — | 2.1 | — | 0.7 |
| 2.2 | — | 7.0 | 0.7 | 1.3 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

| | |
|-----------------------------|--|
| Drug Psychoses | |
| Drug Dependence | |
| Nondependent Abuse of Drugs | |
| County | |
| Province | |

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.7 | — | — | — | 0.7 |
| 0.7 | 1.4 | 2.8 | — | 2.0 |
| 0.7 | — | 0.7 | 2.7 | 4.0 |
| 2.2 | 1.4 | 3.5 | 2.7 | 6.6 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

| | |
|----------------------|--|
| Accidental Poisoning | |
| Suicide | |
| Undetermined | |
| County | |
| Province | |

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| — | 0.7 | — | — | 1.4 |
| 2.2 | 2.9 | 0.7 | 1.4 | 1.4 |
| — | — | — | — | 0.7 |
| 2.2 | 3.7 | 0.7 | 1.4 | 3.4 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

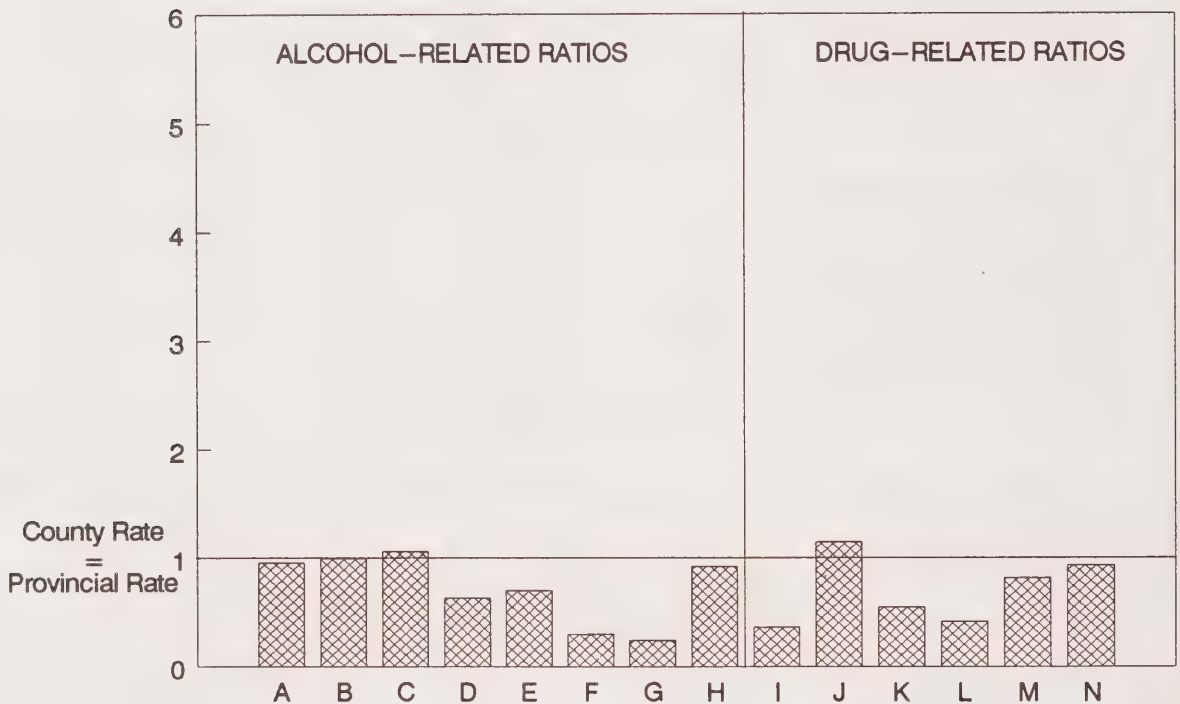
WELLINGTON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP

| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | (in thousands) | | | | | | |
| 0-9 | 19.5 | 19.6 | 19.9 | 21.0 | 20.8 | 21.8 | 22.8 |
| 10-14 | 10.3 | 10.2 | 10.2 | 10.3 | 9.7 | 9.7 | 9.9 |
| 15-19 | 11.9 | 11.4 | 11.1 | 10.6 | 11.1 | 11.0 | 10.5 |
| 20-29 | 22.8 | 23.2 | 23.0 | 25.1 | 25.3 | 25.3 | 25.7 |
| 30-39 | 19.0 | 18.9 | 18.5 | 22.5 | 23.4 | 24.0 | 25.7 |
| 40-49 | 14.5 | 15.1 | 15.8 | 15.6 | 16.9 | 18.5 | 19.7 |
| 50-59 | 13.5 | 13.8 | 13.9 | 13.0 | 13.6 | 13.8 | 13.6 |
| 60-64 | 5.8 | 6.2 | 6.4 | 6.1 | 6.3 | 6.5 | 6.3 |
| 65-74 | 8.8 | 9.0 | 9.6 | 8.9 | 9.4 | 10.0 | 10.4 |
| 75+ | 6.8 | 7.3 | 7.9 | 6.5 | 6.7 | 7.0 | 7.2 |
| Total Population | 133.0 | 134.7 | 136.8 | 139.5 | 143.0 | 147.6 | 151.8 |
| Aged 15 and Over | 103.2 | 104.9 | 106.7 | 108.2 | 112.5 | 116.1 | 119.1 |
| Aged 20 and Over | 91.3 | 93.5 | 95.6 | 97.6 | 101.4 | 105.1 | 108.6 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

| | 1988-89 |
|--|---------|
| | 2,390.2 |
| | 217,693 |
| | 34,457 |
| | 14,958 |

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 3,334 | 3,135 | 3,490 | 3,415 | 3,167 |
| n.a. | 1 | 2 | 4 | 2 |
| n.a. | 12 | 10 | 25 | 10 |
| 1,666 | 1,536 | 1,490 | 1,571 | 1,604 |
| 2 | 27 | 44 | 61 | 107 |
| 5,002 | 4,711 | 5,036 | 5,076 | 4,890 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 238 | 222 | 258 | 330 | 393 |
| 291 | 262 | 332 | 321 | 333 |
| 6 | 6 | 6 | 9 | 8 |
| 535 | 490 | 596 | 660 | 734 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 19 | 22 | 23 | 25 | 28 |
| 109 | 132 | 142 | 146 | 136 |
| 27 | 33 | 30 | 32 | 27 |
| 56 | 78 | 83 | 102 | 79 |
| 8 | 9 | 8 | 5 | 11 |
| 219 | 274 | 286 | 310 | 281 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

| | | | | |
|-----|-----|-----|-----|-----|
| 17 | 9 | 25 | 11 | 18 |
| 132 | 134 | 181 | 163 | 165 |
| 23 | 40 | 37 | 38 | 26 |
| 84 | 88 | 93 | 117 | 103 |
| 4 | 4 | 1 | 4 | 2 |
| 260 | 275 | 337 | 333 | 314 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 2 | 1 | - | 2 | - |
| 2 | 3 | 2 | 1 | 2 |
| - | - | 2 | - | 1 |
| 4 | 4 | 4 | 3 | 3 |

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

| | | | | |
|---|---|----|---|---|
| 1 | - | - | 2 | - |
| 3 | 3 | 6 | 2 | 1 |
| - | - | 5 | 1 | - |
| 4 | 3 | 11 | 5 | 1 |

YORK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 7.4 |
| | | | | 67,156 |
| | | | | 10,630 |
| | | | | 4,614 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,035.4 | 894.4 | 905.6 | 804.1 | 695.4 |
| n.a. | 0.3 | 0.5 | 0.9 | 0.4 |
| n.a. | 3.4 | 2.6 | 5.9 | 2.2 |
| 517.4 | 438.2 | 386.6 | 369.9 | 352.2 |
| 0.6 | 7.7 | 11.4 | 14.4 | 23.5 |
| 1,553.4 | 1,344.1 | 1,306.7 | 1,195.2 | 1,073.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED

TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 73.8 | 63.3 | 66.9 | 77.7 | 86.4 |
| 90.4 | 74.8 | 86.2 | 75.5 | 73.2 |
| 2.0 | 1.7 | 1.6 | 2.2 | 1.7 |
| 166.2 | 139.8 | 154.6 | 155.4 | 161.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 5.9 | 6.3 | 6.0 | 5.9 | 6.1 |
| 33.9 | 37.7 | 36.8 | 34.4 | 29.9 |
| 8.4 | 9.4 | 7.8 | 7.5 | 5.9 |
| 17.4 | 22.3 | 21.5 | 24.0 | 17.3 |
| 2.5 | 2.6 | 2.1 | 1.2 | 2.4 |
| 68.0 | 78.2 | 74.2 | 73.0 | 61.7 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| | | | | |
|-------|-------|-------|-------|-------|
| 5.3 | 2.6 | 6.5 | 2.6 | 4.0 |
| 41.0 | 38.2 | 47.0 | 38.4 | 36.2 |
| 7.1 | 11.4 | 9.6 | 8.9 | 5.7 |
| 26.1 | 25.1 | 24.1 | 27.5 | 22.6 |
| 1.2 | 1.1 | 0.3 | 0.9 | 0.4 |
| 80.7 | 78.5 | 87.4 | 78.4 | 69.0 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.6 | 0.3 | - | 0.5 | - |
| 0.6 | 0.9 | 0.5 | 0.2 | 0.4 |
| - | - | 0.5 | - | 0.2 |
| 1.2 | 1.1 | 1.0 | 0.7 | 0.7 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| | | | | |
|-----|-----|-----|-----|-----|
| 0.3 | - | - | 0.5 | - |
| 0.9 | 0.9 | 1.6 | 0.5 | 0.2 |
| - | - | 1.3 | 0.2 | - |
| 1.2 | 0.9 | 2.9 | 1.2 | 0.2 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

YORK

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 1 | 1 | - | - | - |
| 2 | - | - | 2 | 2 |
| 25 | 20 | 21 | 23 | 23 |
| 28 | 21 | 21 | 25 | 25 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|------|------|------|------|------|
| 718 | 446 | 425 | 446 | 518 |
| - | 2 | - | 4 | 1 |
| 30 | 20 | 26 | 75 | 84 |
| - | - | 55 | 19 | 26 |
| - | 2 | - | - | - |
| 16 | 1 | 6 | 9 | 8 |
| 764 | 471 | 512 | 553 | 637 |

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 3 | 1 | 10 | 12 | 12 |
| 9 | 18 | 24 | 36 | 41 |
| 26 | 13 | 14 | 27 | 18 |
| 65 | 74 | 86 | 89 | 90 |
| 8 | 10 | 15 | 19 | 15 |
| 47 | 51 | 79 | 82 | 75 |
| 158 | 167 | 228 | 265 | 251 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| | | | | |
|-----|----|-----|-----|-----|
| 4 | 5 | 7 | 8 | 5 |
| 16 | 7 | 26 | 34 | 30 |
| 21 | 26 | 30 | 37 | 59 |
| 39 | 29 | 33 | 50 | 50 |
| 6 | 4 | 7 | 14 | 9 |
| 31 | 23 | 38 | 45 | 40 |
| 117 | 94 | 141 | 188 | 193 |

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| - | - | 5 | 1 | - |
| - | 1 | 5 | - | - |
| 2 | 4 | 6 | 1 | 1 |
| 2 | 5 | 16 | 2 | 1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| | | | | |
|---|---|---|---|----|
| - | - | - | - | 1 |
| - | - | - | - | 1 |
| 1 | 2 | 5 | 6 | 8 |
| 1 | 2 | 5 | 6 | 10 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 2 | 3 | 3 | 2 | 3 |
| 5 | 3 | 4 | 3 | 5 |
| - | 1 | - | - | 1 |
| 7 | 7 | 7 | 5 | 9 |

YORK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.3 | 0.3 | — | — | — |
| 0.7 | — | — | 0.5 | 0.5 |
| 8.3 | 6.2 | 6.0 | 6.0 | 5.4 |
| 9.3 | 6.5 | 6.0 | 6.5 | 5.9 |
| 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 222.9 | 127.3 | 110.2 | 104.9 | 113.7 |
| — | 0.7 | — | 0.9 | 0.3 |
| 9.4 | 5.7 | 6.8 | 17.6 | 18.4 |
| — | — | 14.3 | 4.4 | 5.6 |
| — | 0.4 | — | — | — |
| 4.8 | 0.4 | 1.6 | 2.2 | 1.8 |
| 237.1 | 134.4 | 132.9 | 130.1 | 139.8 |
| 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.9 | 0.3 | 2.6 | 2.8 | 2.6 |
| 2.8 | 5.1 | 6.2 | 8.5 | 9.0 |
| 8.1 | 3.7 | 3.6 | 6.4 | 4.0 |
| 20.2 | 21.1 | 22.3 | 21.0 | 19.8 |
| 2.5 | 2.9 | 3.9 | 4.5 | 3.3 |
| 14.6 | 14.6 | 20.5 | 19.3 | 16.5 |
| 49.1 | 47.6 | 59.2 | 62.4 | 55.1 |
| 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.2 | 1.4 | 1.8 | 1.9 | 1.1 |
| 5.0 | 2.0 | 6.7 | 8.0 | 6.6 |
| 6.5 | 7.4 | 7.8 | 8.7 | 13.0 |
| 12.1 | 8.3 | 8.6 | 11.8 | 11.0 |
| 1.9 | 1.1 | 1.8 | 3.3 | 2.0 |
| 9.6 | 6.6 | 9.9 | 10.6 | 8.8 |
| 36.3 | 26.8 | 36.6 | 44.3 | 42.4 |
| 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | 1.3 | 0.2 | — |
| — | 0.3 | 1.3 | — | — |
| 0.6 | 1.1 | 1.6 | 0.2 | 0.2 |
| 0.6 | 1.4 | 4.2 | 0.5 | 0.2 |
| 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| — | — | — | — | 0.2 |
| — | — | — | — | 0.2 |
| 0.3 | 0.6 | 1.3 | 1.4 | 1.8 |
| 0.3 | 0.6 | 1.3 | 1.4 | 2.2 |
| 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

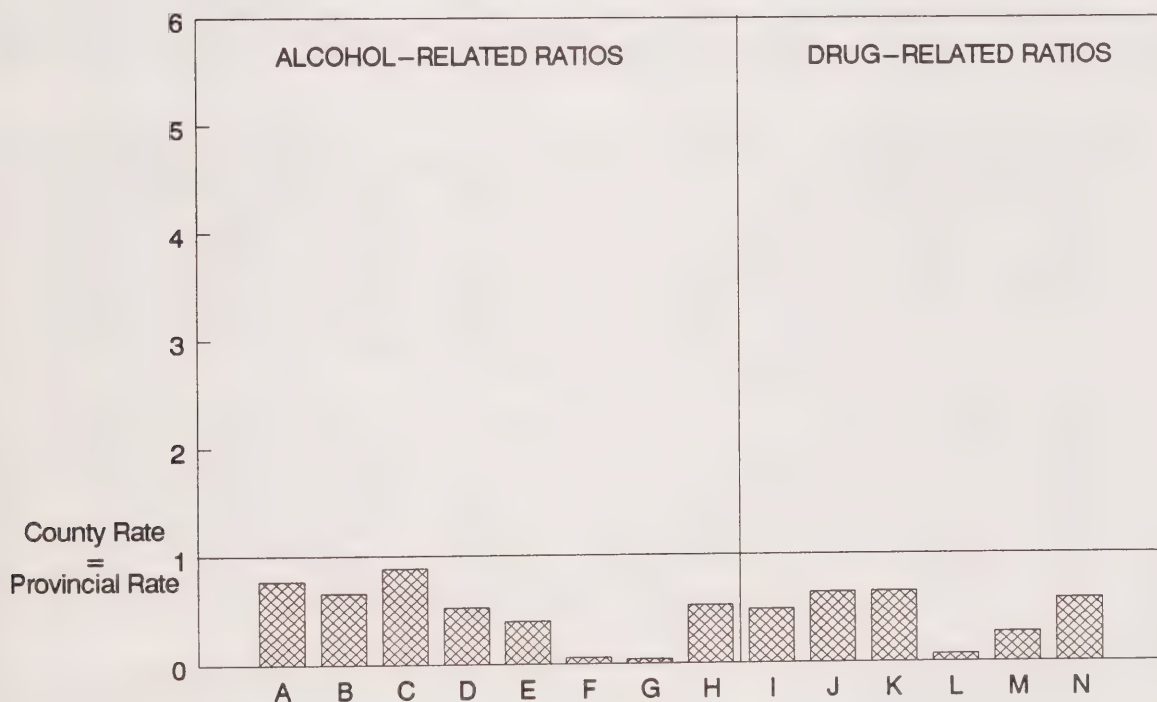
| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 0.7 | 0.9 | 0.9 | 0.5 | 0.7 |
| 1.7 | 0.9 | 1.1 | 0.8 | 1.2 |
| — | 0.3 | — | — | 0.2 |
| 2.3 | 2.2 | 2.0 | 1.3 | 2.1 |
| 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

YORK

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (in thousands) | | | | | | | |
| 0-9 | 44.4 | 48.3 | 52.4 | 58.5 | 64.5 | 70.1 | 76.1 |
| 10-14 | 23.5 | 24.8 | 26.1 | 27.8 | 29.5 | 31.2 | 33.2 |
| 15-19 | 24.1 | 24.5 | 25.3 | 27.6 | 30.4 | 32.3 | 32.3 |
| 20-29 | 43.3 | 45.6 | 48.1 | 54.9 | 58.7 | 62.6 | 63.7 |
| 30-39 | 51.4 | 56.1 | 61.6 | 67.2 | 74.2 | 83.2 | 89.1 |
| 40-49 | 36.0 | 39.2 | 42.8 | 47.1 | 55.6 | 66.0 | 74.3 |
| 50-59 | 26.8 | 28.0 | 29.6 | 31.7 | 34.5 | 37.5 | 40.0 |
| 60-64 | 9.5 | 10.3 | 10.9 | 11.4 | 12.1 | 13.1 | 14.5 |
| 65-74 | 12.5 | 13.0 | 14.0 | 14.6 | 15.7 | 17.2 | 19.3 |
| 75+ | 9.1 | 10.1 | 11.2 | 9.7 | 10.3 | 11.5 | 12.9 |
| Total Population | 280.3 | 300.0 | 322.0 | 350.5 | 385.4 | 424.7 | 455.4 |
| Aged 15 and Over | 212.4 | 226.9 | 243.5 | 264.2 | 291.4 | 323.4 | 346.1 |
| Aged 20 and Over | 188.3 | 202.4 | 218.2 | 236.6 | 261.0 | 291.1 | 313.8 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| | | | | 1988-89 |
|--|--|--|--|-----------|
| | | | | 73,324.3 |
| | | | | 4,667,978 |
| | | | | 1,078,424 |
| | | | | 503,680 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 120,449 | 137,399 | 129,255 | 123,640 | 117,423 |
| n.a. | 45 | 65 | 74 | 57 |
| n.a. | 607 | 598 | 549 | 573 |
| 39,149 | 37,598 | 35,501 | 35,449 | 35,898 |
| 2,451 | 2,719 | 2,659 | 2,893 | 2,950 |
| 162,049 | 178,368 | 168,078 | 162,605 | 156,901 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------|--------|--------|--------|--------|
| 9,602 | 8,037 | 8,389 | 9,022 | 9,237 |
| 10,812 | 9,266 | 9,910 | 8,390 | 7,900 |
| 445 | 420 | 438 | 407 | 351 |
| 20,859 | 17,723 | 18,737 | 17,819 | 17,488 |

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1,383 | 1,500 | 1,578 | 1,514 | 1,499 |
| 6,175 | 6,605 | 6,563 | 6,127 | 4,997 |
| 1,102 | 1,215 | 1,222 | 1,149 | 1,120 |
| 3,310 | 3,413 | 3,620 | 3,504 | 3,393 |
| 360 | 324 | 365 | 336 | 314 |
| 12,330 | 13,057 | 13,348 | 12,630 | 11,323 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

| 832 | 865 | 916 | 892 | 931 |
|--------|--------|--------|--------|--------|
| 9,879 | 10,108 | 9,853 | 9,335 | 9,188 |
| 1,348 | 1,561 | 1,713 | 1,672 | 1,795 |
| 4,874 | 4,651 | 4,638 | 4,722 | 4,597 |
| 187 | 147 | 150 | 161 | 158 |
| 17,120 | 17,332 | 17,270 | 16,782 | 16,669 |

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 88 | 89 | 102 | 86 | 54 |
| 1,187 | 1,118 | 1,156 | 957 | 797 |
| 92 | 82 | 80 | 145 | 229 |
| 1,367 | 1,289 | 1,338 | 1,188 | 1,080 |

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

| 34 | 38 | 36 | 36 | 35 |
|-----|-----|-----|-----|-----|
| 401 | 430 | 418 | 421 | 371 |
| 112 | 109 | 109 | 108 | 132 |
| 547 | 577 | 563 | 565 | 538 |

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

| Rates per 100,000 Population Aged 15+ | | | | |
|---------------------------------------|--|--|--|---------|
| | | | | 1988-89 |
| | | | | 9.6 |
| | | | | 61,066 |
| | | | | 14,108 |
| | | | | 6,589 |

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|---------|---------|---------|---------|---------|
| 1,337.4 | 1,507.8 | 1,395.1 | 1,311.0 | 1,224.2 |
| n.a. | 0.5 | 0.7 | 0.8 | 0.6 |
| n.a. | 6.7 | 6.5 | 5.8 | 6.0 |
| 434.7 | 412.6 | 383.2 | 375.9 | 374.3 |
| 27.2 | 29.8 | 28.7 | 30.7 | 30.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,724.2 | 1,635.8 |
| 1,799.3 | 1,957.4 | 1,814.2 | 1,717.5 | 1,635.8 |

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

| 1985 | 1986 | 1987 | 1988 | 1989 |
|-------|-------|-------|-------|-------|
| 106.6 | 88.2 | 90.5 | 95.7 | 96.3 |
| 120.1 | 101.7 | 107.0 | 89.0 | 82.4 |
| 4.9 | 4.6 | 4.7 | 4.3 | 3.7 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |
| 231.6 | 194.5 | 202.2 | 188.9 | 182.3 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 15.4 | 16.5 | 17.0 | 16.1 | 15.6 |
| 68.6 | 72.5 | 70.8 | 65.0 | 52.1 |
| 12.2 | 13.3 | 13.2 | 12.2 | 11.7 |
| 36.8 | 37.5 | 39.1 | 37.2 | 35.4 |
| 4.0 | 3.6 | 3.9 | 3.6 | 3.3 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |
| 136.9 | 143.3 | 144.1 | 133.9 | 118.1 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 9.2 | 9.5 | 9.9 | 9.5 | 9.7 |
| 109.7 | 110.9 | 106.3 | 99.0 | 95.8 |
| 15.0 | 17.1 | 18.5 | 17.7 | 18.7 |
| 54.1 | 51.0 | 50.1 | 50.1 | 47.9 |
| 2.1 | 1.6 | 1.6 | 1.7 | 1.6 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |
| 190.1 | 190.2 | 186.4 | 177.9 | 173.8 |

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 1.0 | 1.0 | 1.1 | 0.9 | 0.6 |
| 13.2 | 12.3 | 12.5 | 10.1 | 8.3 |
| 1.0 | 0.9 | 0.9 | 1.5 | 2.4 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |
| 15.2 | 14.1 | 14.4 | 12.6 | 11.3 |

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 4.5 | 4.7 | 4.5 | 4.5 | 3.9 |
| 1.2 | 1.2 | 1.2 | 1.1 | 1.4 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |
| 6.1 | 6.3 | 6.1 | 6.0 | 5.6 |

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|-------|-------|-------|-------|-------|
| 20 | 16 | 18 | 21 | 18 |
| 124 | 146 | 164 | 176 | 175 |
| 870 | 855 | 879 | 845 | 850 |
| 1,014 | 1,017 | 1,061 | 1,042 | 1,043 |

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

| 1985 | 1986 | 1987 | 1988 | 1989 |
|--------|--------|--------|--------|--------|
| 14,309 | 14,092 | 15,673 | 14,567 | 15,706 |
| 273 | 347 | 269 | 404 | 425 |
| 1,825 | 2,384 | 3,280 | 4,854 | 7,521 |
| 2,344 | 1,555 | 2,527 | 1,346 | 2,707 |
| 390 | 326 | 244 | 301 | 225 |
| 662 | 618 | 861 | 569 | 675 |
| 19,803 | 19,322 | 22,854 | 22,041 | 27,259 |

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 317 | 279 | 366 | 362 | 378 |
| 678 | 797 | 1,240 | 1,237 | 1,642 |
| 627 | 634 | 652 | 675 | 594 |
| 2,089 | 2,223 | 2,524 | 2,689 | 2,598 |
| 884 | 828 | 837 | 807 | 611 |
| 2,329 | 2,318 | 2,465 | 2,395 | 2,337 |
| 6,924 | 7,079 | 8,084 | 8,165 | 8,160 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 220 | 209 | 247 | 264 | 272 |
| 904 | 1,012 | 1,160 | 1,218 | 1,144 |
| 1,352 | 1,392 | 1,595 | 1,949 | 1,819 |
| 1,189 | 1,139 | 1,229 | 1,328 | 1,254 |
| 440 | 399 | 418 | 577 | 337 |
| 1,360 | 1,270 | 1,355 | 1,357 | 1,388 |
| 5,465 | 5,421 | 6,004 | 6,693 | 6,214 |

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 94 | 68 | 67 | 94 | 48 |
| 183 | 179 | 134 | 138 | 166 |
| 81 | 84 | 90 | 98 | 91 |
| 358 | 331 | 291 | 330 | 305 |

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

| 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|---------|---------|---------|---------|---------|
| 37 | 20 | 27 | 34 | 26 |
| 346 | 337 | 382 | 376 | 428 |
| 212 | 301 | 365 | 415 | 318 |
| 595 | 658 | 774 | 825 | 772 |

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

| 1984 | 1985 | 1986 | 1987 | 1988 |
|------|------|------|------|------|
| 116 | 101 | 91 | 106 | 124 |
| 230 | 175 | 208 | 197 | 193 |
| 18 | 29 | 23 | 27 | 26 |
| 364 | 305 | 322 | 330 | 343 |

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------------------------------|------|------|------|------|------|
| Alcohol Psychoses | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Alcohol Dependence Syndrome | 1.4 | 1.6 | 1.8 | 1.9 | 1.9 |
| Chronic Liver Disease and Cirrhosis | 9.8 | 9.5 | 9.6 | 9.1 | 9.0 |
| County | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |
| Province | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 |

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|-------|-------|-------|-------|-------|
| Marijuana | 158.9 | 154.6 | 169.2 | 154.5 | 163.7 |
| Heroin | 3.0 | 3.8 | 2.9 | 4.3 | 4.4 |
| Cocaine | 20.3 | 26.2 | 35.4 | 51.5 | 78.4 |
| Other Drugs | 26.0 | 17.1 | 27.3 | 14.3 | 28.2 |
| Controlled Drugs | 4.3 | 3.6 | 2.6 | 3.2 | 2.3 |
| Restricted Drugs | 7.4 | 6.8 | 9.3 | 6.0 | 7.0 |
| County | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |
| Province | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 |

HOSPITAL SEPARATIONS

| | | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|-------------------|--|---------|---------|---------|---------|---------|
| | Primary Diagnoses | 3.5 | 3.1 | 4.0 | 3.8 | 3.9 |
| General Hospitals | Drug Psychoses | 7.5 | 8.7 | 13.4 | 13.1 | 17.1 |
| | Drug Dependence | 7.0 | 7.0 | 7.0 | 7.2 | 6.2 |
| | Nondependent Abuse of Drugs | 23.2 | 24.4 | 27.2 | 28.5 | 27.1 |
| | Poisoning by Analgesics, Antipyretics... | 9.8 | 9.1 | 9.0 | 8.6 | 6.4 |
| | Poisoning by Sedatives and Hypnotics | 25.9 | 25.4 | 26.6 | 25.4 | 24.4 |
| | Poisoning by Psychotropic Agents | 76.9 | 77.7 | 87.3 | 86.6 | 85.1 |
| | County | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |
| | Province | 73.5 | 77.7 | 87.3 | 86.6 | 85.1 |
| | Secondary Diagnoses | 2.4 | 2.3 | 2.7 | 2.8 | 2.8 |
| | Drug Psychoses | 10.0 | 11.1 | 12.5 | 12.9 | 11.9 |
| | Drug Dependence | 15.0 | 15.3 | 17.2 | 20.7 | 19.0 |
| | Nondependent Abuse of Drugs | 13.2 | 12.5 | 13.3 | 14.1 | 13.1 |
| | Poisoning by Analgesics, Antipyretics... | 4.9 | 4.4 | 4.5 | 6.1 | 3.5 |
| | Poisoning by Sedatives and Hypnotics | 15.1 | 13.9 | 14.6 | 14.4 | 14.5 |
| | Poisoning by Psychotropic Agents | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |
| | County | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |
| | Province | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 |

| | | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
|------------------|-----------------------------|---------|---------|---------|---------|---------|
| | Primary Diagnoses | 1.0 | 0.7 | 0.7 | 1.0 | 0.5 |
| Mental Hospitals | Drug Psychoses | 2.0 | 2.0 | 1.4 | 1.5 | 1.7 |
| | Drug Dependence | 0.9 | 0.9 | 1.0 | 1.0 | 0.9 |
| | Nondependent Abuse of Drugs | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| | County | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| | Province | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 |
| | Secondary Diagnoses | 0.4 | 0.2 | 0.3 | 0.4 | 0.3 |
| | Drug Psychoses | 3.8 | 3.7 | 4.1 | 4.0 | 4.5 |
| | Drug Dependence | 2.4 | 3.3 | 3.9 | 4.4 | 3.3 |
| | Nondependent Abuse of Drugs | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |
| | County | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |
| | Province | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 |

MORTALITY

From Drugs, Medicaments & Biologicals

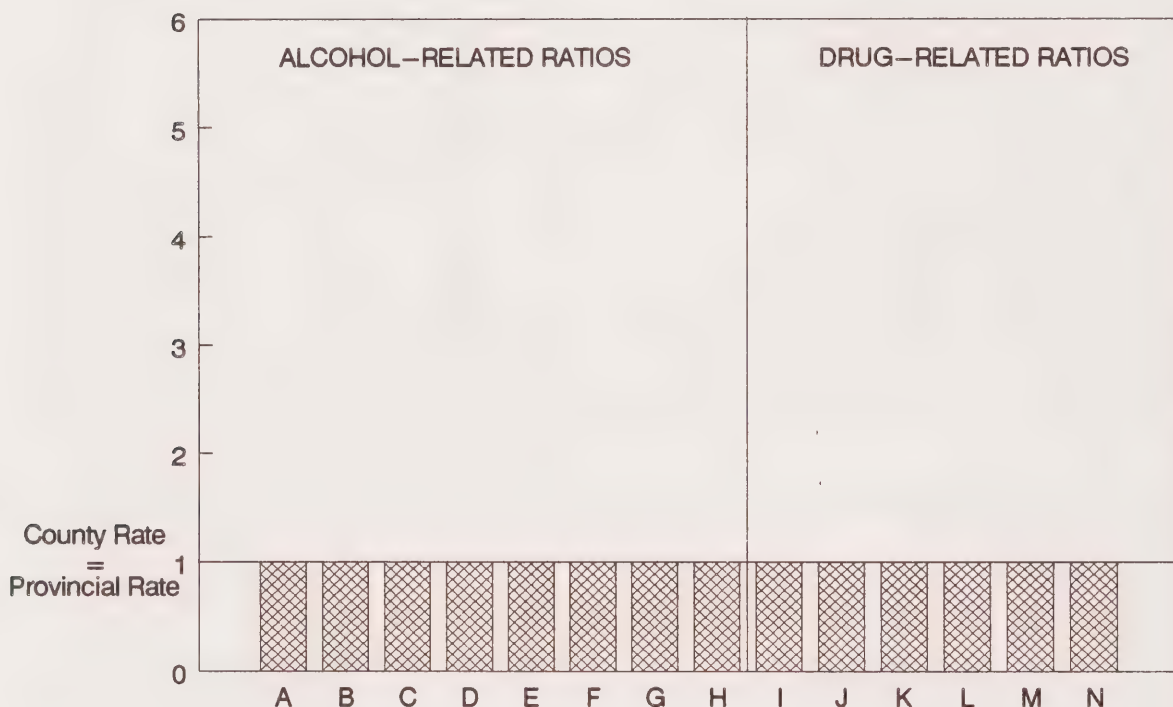
| | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------------|------|------|------|------|------|
| Accidental Poisoning | 1.3 | 1.1 | 1.0 | 1.1 | 1.3 |
| Suicide | 2.6 | 1.9 | 2.3 | 2.1 | 2.0 |
| Undetermined | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 |
| County | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |
| Province | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 |

ONTARIO – PROVINCIAL TOTAL

ESTIMATED COUNTY POPULATION BY AGE

| AGE GROUP | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| (in thousands) | | | | | | | |
| 0– 9 | 1211.3 | 1222.4 | 1231.3 | 1241.7 | 1264.7 | 1293.7 | 1321.9 |
| 10–14 | 663.9 | 654.5 | 645.8 | 631.2 | 626.5 | 626.7 | 631.4 |
| 15–19 | 746.8 | 715.2 | 694.3 | 690.3 | 688.4 | 689.0 | 683.3 |
| 20–29 | 1581.7 | 1611.8 | 1631.3 | 1638.3 | 1645.9 | 1647.3 | 1641.0 |
| 30–39 | 1373.5 | 1412.8 | 1457.3 | 1495.3 | 1520.8 | 1559.4 | 1601.3 |
| 40–49 | 991.9 | 1018.2 | 1042.0 | 1074.7 | 1136.4 | 1194.2 | 1247.3 |
| 50–59 | 922.9 | 921.0 | 918.9 | 918.5 | 919.9 | 922.7 | 930.8 |
| 60–64 | 396.6 | 417.3 | 425.2 | 430.0 | 432.2 | 436.3 | 436.0 |
| 65–74 | 554.8 | 562.9 | 582.0 | 602.7 | 625.0 | 643.9 | 663.9 |
| 75+ | 353.3 | 366.3 | 378.6 | 390.6 | 404.4 | 418.9 | 434.8 |
| Total Population | 8797.8 | 8901.4 | 9006.2 | 9112.7 | 9264.8 | 9430.8 | 9591.5 |
| Aged 15 and Over | 6922.6 | 7024.5 | 7129.1 | 7239.8 | 7373.6 | 7510.4 | 7638.2 |
| Aged 20 and Over | 6175.8 | 6309.3 | 6434.8 | 6549.5 | 6685.2 | 6821.4 | 6955.5 |

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

Part II _____

COUNTY DATA - County Rankings

County Rankings Overview

The following tables have been included to summarize the rates over the five-year period for a number of the variables. Readers should note that these rates are not different from the rates presented in the previous section, they have been included primarily to facilitate inter-county comparisons. In addition to the rates for the five years, a five-year average rate is also presented and was also calculated in the following manner:

$$\text{5-year rate} = \frac{\sum_{t=1}^5 (\text{Occurrences}_t)}{\sum_{t=1}^5 (\text{Population}_t)}$$

The result of this calculation was then ranked from the highest rate over the five-year period to the lowest rate. These rankings are listed in the final column on each table.

TABLE II-1

ESTIMATED ALCOHOL CONSUMPTION AND RISK CATEGORIES,
ONTARIO BY COUNTY, 1988-89

| County | Estimated Number of Adults Aged 15+ by Risk Categories | | | Pop. Aged 15+ | Litres Per Person Aged 15+ | Rank |
|-----------------------------|---|------------------|----------------|------------------|----------------------------------|------|
| | Low | Moderate | High | | | |
| Algoma | 60,528 | 16,663 | 7,504 | 102,840 | 10.4 | 17 |
| Brant | 53,339 | 11,670 | 5,142 | 85,180 | 9.1 | 26 |
| Bruce | 23,940 | 9,178 | 4,346 | 45,490 | 12.5 | 6 |
| Cochrane | 40,140 | 12,942 | 5,951 | 71,680 | 11.3 | 13 |
| Dufferin | 14,638 | 4,843 | 2,236 | 26,370 | 11.5 | 11 |
| Dundas, Glengarry, Stormont | 53,397 | 10,497 | 4,585 | 83,150 | 8.5 | 29 |
| Durham (R.M.) | 177,214 | 41,169 | 18,218 | 287,290 | 9.4 | 22 |
| Elgin | 37,633 | 6,058 | 2,626 | 56,240 | 7.5 | 31 |
| Essex | 165,080 | 34,511 | 15,161 | 260,760 | 8.8 | 28 |
| Frontenac | 55,620 | 17,032 | 7,777 | 97,660 | 11.0 | 14 |
| Grey | 36,753 | 8,922 | 3,961 | 60,270 | 9.6 | 20 |
| Haldimand-Norfolk (R.M.) | 44,641 | 9,920 | 4,373 | 71,560 | 9.1 | 26 |
| Haliburton | 3,653 | 2,946 | 1,702 | 10,080 | 18.3 | 2 |
| Halton (R.M.) | 142,346 | 32,106 | 14,175 | 229,040 | 9.2 | 24 |
| Hamilton-Wentworth (R.M.) | 213,603 | 5,108 | 22,657 | 348,900 | 9.5 | 21 |
| Hastings | 50,779 | 16,373 | 7,528 | 90,680 | 11.4 | 12 |
| Huron | 27,768 | 5,715 | 2,507 | 43,700 | 8.8 | 28 |
| Kenora | 21,726 | 10,484 | 5,213 | 45,440 | 14.2 | 4 |
| Kent | 53,287 | 11,841 | 5,220 | 85,420 | 9.2 | 25 |
| Lambton | 60,145 | 14,383 | 6,380 | 98,240 | 9.6 | 20 |
| Lanark | 24,300 | 6,780 | 3,057 | 41,450 | 10.4 | 17 |
| Leeds and Grenville | 43,590 | 10,424 | 4,624 | 71,200 | 9.5 | 21 |
| Lennox and Addington | 18,150 | 3,794 | 1,667 | 28,670 | 8.8 | 28 |
| Manitoulin | 3,757 | 1,915 | 965 | 8,060 | 14.6 | 3 |
| Middlesex | 170,606 | 40,798 | 18,096 | 278,670 | 9.6 | 20 |
| Muskoka | 12,367 | 10,164 | 5,915 | 34,540 | 18.4 | 1 |
| Niagara (R.M.) | 188,052 | 43,686 | 19,332 | 304,860 | 9.4 | 22 |
| Nipissing | 34,942 | 11,412 | 5,259 | 62,670 | 11.5 | 11 |
| Northumberland | 34,460 | 8,129 | 3,596 | 56,080 | 9.5 | 21 |
| Ottawa-Carleton (R.M.) | 332,449 | 70,633 | 30,993 | 527,070 | 8.9 | 27 |
| Oxford | 44,383 | 7,518 | 3,269 | 66,990 | 7.7 | 30 |
| Parry Sound | 13,704 | 6,325 | 3,113 | 28,100 | 13.8 | 5 |
| Peel | 316,430 | 72,341 | 31,962 | 510,310 | 9.3 | 23 |
| Perth | 32,869 | 6,983 | 3,064 | 52,110 | 8.9 | 27 |
| Peterborough | 47,307 | 16,222 | 7,536 | 86,290 | 11.7 | 9 |
| Prescott and Russell | 33,001 | 4,855 | 2,094 | 48,520 | 7.0 | 33 |
| Prince Edward | 12,499 | 1,808 | 782 | 18,320 | 7.0 | 33 |
| Rainy River | 10,448 | 2,995 | 1,356 | 17,970 | 10.6 | 16 |
| Renfrew | 40,784 | 12,329 | 5,614 | 71,310 | 10.9 | 15 |
| Simcoe | 104,611 | 39,630 | 18,725 | 197,880 | 12.4 | 7 |
| Sudbury (R.M.) | 10,225 | 3,873 | 1,830 | 19,340 | 12.5 | 6 |
| Sudbury (T.D.) | 66,553 | 22,019 | 10,165 | 119,890 | 11.5 | 11 |
| Thunder Bay | 69,068 | 23,141 | 10,703 | 124,960 | 11.6 | 10 |
| Timiskaming | 18,630 | 4,919 | 2,204 | 31,270 | 10.1 | 18 |
| Toronto (Metropolitan) | 1,168,360 | 263,525 | 116,350 | 1,879,930 | 9.2 | 25 |
| Victoria | 24,302 | 8,453 | 3,934 | 44,550 | 11.8 | 8 |
| Waterloo | 166,842 | 41,077 | 18,264 | 274,640 | 9.7 | 19 |
| Wellington | 71,366 | 15,858 | 6,991 | 114,400 | 9.2 | 25 |
| York | 217,635 | 34,420 | 14,910 | 324,160 | 7.4 | 32 |
| ONTARIO | 4,680,000 | 1,119,000 | 496,000 | 7,644,200 | 9.6 | |

TABLE II-2

LIQUOR ACT OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

| County | 1985 | 1986 | 1987 | 1988 | 1989 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|---------|------|
| Algoma | 1,530.6 | 1,500.0 | 1,787.5 | 1,385.7 | 1,598.0 | 1,560.0 | 31 |
| Brant | 755.2 | 883.2 | 898.1 | 722.5 | 719.4 | 794.9 | 45 |
| Bruce | 3,266.9 | 3,459.6 | 3,687.8 | 3,484.5 | 3,650.2 | 3,510.5 | 4 |
| Cochrane | 2,228.5 | 2,087.4 | 2,367.6 | 2,512.7 | 2,451.6 | 2,329.1 | 13 |
| Dufferin | 2,003.1 | 1,941.7 | 1,849.6 | 2,312.7 | 2,184.3 | 2,064.3 | 15 |
| Dundas, Glengarry, Stormont | 1,003.9 | 901.8 | 865.6 | 813.4 | 837.8 | 883.7 | 41 |
| Durham (R.M.) | 1,733.0 | 1,720.7 | 536.9 | 486.8 | 504.7 | 961.0 | 40 |
| Elgin | 1,915.8 | 2,301.6 | 1,959.5 | 1,790.6 | 1,821.5 | 1,955.2 | 19 |
| Essex | 1,126.1 | 1,396.3 | 1,285.0 | 1,177.6 | 1,130.0 | 1,222.7 | 35 |
| Frontenac | 1,367.4 | 1,714.4 | 1,793.3 | 2,110.9 | 1,742.3 | 1,747.9 | 21 |
| Grey | 1,733.3 | 1,614.5 | 1,659.2 | 1,979.5 | 1,403.5 | 1,676.8 | 24 |
| Haldimand-Norfolk (R.M.) | 2,908.7 | 2,978.9 | 2,958.5 | 2,708.2 | 2,747.4 | 2,857.9 | 8 |
| Haliburton | 1,533.9 | 1,675.0 | 1,106.6 | 1,406.3 | 1,902.3 | 1,529.8 | 33 |
| Halton (R.M.) | 1,100.0 | 1,190.1 | 1,210.8 | 1,176.6 | 1,195.7 | 1,175.6 | 37 |
| Hamilton-Wentworth (R.M.) | 914.0 | 863.2 | 1,163.8 | 1,099.5 | 923.9 | 993.5 | 39 |
| Hastings | 1,604.0 | 1,635.9 | 1,541.7 | 1,680.6 | 1,587.6 | 1,610.0 | 28 |
| Huron | 2,632.8 | 2,757.1 | 2,927.3 | 3,441.3 | 3,248.7 | 3,004.2 | 7 |
| Kenora | 9,038.5 | 9,725.9 | 9,411.1 | 9,721.2 | 9,120.2 | 9,402.6 | 1 |
| Kent | 2,547.9 | 2,642.9 | 2,956.2 | 2,846.6 | 2,795.4 | 2,758.6 | 9 |
| Lambton | 3,484.1 | 3,586.9 | 4,472.6 | 4,190.1 | 4,273.6 | 4,003.5 | 3 |
| Lanark | 1,632.7 | 1,594.8 | 2,171.9 | 1,716.2 | 1,371.2 | 1,695.4 | 23 |
| Leeds and Grenville | 1,613.4 | 1,554.4 | 1,753.5 | 1,606.9 | 1,587.7 | 1,623.2 | 27 |
| Lennox and Addington | 1,935.5 | 1,868.8 | 2,291.1 | 2,022.6 | 2,055.4 | 2,035.5 | 16 |
| Manitoulin | 3,626.2 | 6,582.5 | 5,778.8 | 5,076.2 | 5,281.8 | 5,257.1 | 2 |
| Middlesex | 1,794.5 | 1,767.5 | 1,757.0 | 1,642.1 | 1,625.7 | 1,715.8 | 22 |
| Muskoka | 3,022.4 | 3,141.4 | 3,183.1 | 3,530.2 | 3,298.9 | 3,240.1 | 6 |
| Niagara (R.M.) | 634.9 | 725.2 | 729.5 | 1,130.2 | 1,020.9 | 850.4 | 44 |
| Nipissing | 1,529.0 | 1,694.1 | 1,536.5 | 1,550.7 | 1,448.6 | 1,550.8 | 32 |
| Northumberland | 1,532.8 | 1,713.4 | 1,628.1 | 1,581.3 | 1,541.1 | 1,598.6 | 30 |
| Ottawa-Carleton (R.M.) | 543.1 | 635.2 | 697.1 | 586.1 | 593.4 | 611.1 | 48 |
| Oxford | 1,756.2 | 1,792.7 | 1,615.7 | 1,471.5 | 1,491.1 | 1,623.3 | 26 |
| Parry Sound | 2,138.6 | 2,497.0 | 2,531.8 | 2,022.5 | 2,410.8 | 2,319.6 | 14 |
| Peel | 725.7 | 744.1 | 734.4 | 821.3 | 800.8 | 767.1 | 46 |
| Perth | 1,852.6 | 2,087.1 | 2,001.5 | 2,133.8 | 2,059.4 | 2,027.6 | 18 |
| Peterborough | 1,410.4 | 1,634.6 | 1,471.1 | 1,132.1 | 1,015.9 | 1,326.7 | 34 |
| Prescott and Russell | 534.5 | 621.5 | 705.1 | 701.1 | 677.2 | 649.7 | 47 |
| Prince Edward | 1,653.3 | 1,348.2 | 1,526.5 | 1,842.1 | 1,665.2 | 1,608.1 | 29 |
| Rainy River | 3,635.2 | 3,610.4 | 3,039.3 | 3,248.9 | 3,521.7 | 3,412.3 | 5 |
| Renfrew | 1,031.2 | 1,177.7 | 1,343.4 | 1,246.7 | 1,173.8 | 1,194.5 | 36 |
| Simcoe | 2,532.3 | 2,265.1 | 2,604.9 | 2,598.3 | 2,397.3 | 2,480.1 | 11 |
| Sudbury (R.M.) | 546.3 | 519.3 | 632.1 | 696.3 | 537.9 | 586.2 | 49 |
| Sudbury (T.D.) | 2,221.4 | 2,348.8 | 2,660.2 | 2,476.6 | 2,492.1 | 2,438.6 | 12 |
| Thunder Bay | 2,326.3 | 2,636.5 | 2,591.7 | 2,663.1 | 2,362.1 | 2,515.9 | 10 |
| Timiskaming | 1,122.0 | 1,203.5 | 1,922.7 | 2,514.9 | 2,394.5 | 1,829.3 | 20 |
| Toronto (Metropolitan) | 1,012.3 | 1,593.4 | 1,106.8 | 812.2 | 692.9 | 1,046.0 | 38 |
| Victoria | 2,107.0 | 1,815.6 | 1,850.9 | 2,281.7 | 2,092.7 | 2,033.9 | 17 |
| Waterloo | 966.5 | 878.8 | 945.3 | 862.4 | 688.4 | 865.1 | 42 |
| Wellington | 1,859.6 | 1,807.2 | 1,718.2 | 1,568.4 | 1,253.6 | 1,633.5 | 25 |
| York | 1,035.4 | 894.4 | 905.6 | 804.1 | 695.4 | 853.5 | 43 |
| ONTARIO | 1,337.4 | 1,507.8 | 1,395.1 | 1,311.0 | 1,224.2 | 1,353.6 | |

TABLE II-3

DRINKING AND DRIVING OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

| County | 1985 | 1986 | 1987 | 1988 | 1989 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|---------|------|
| Algoma | 621.8 | 553.0 | 562.7 | 526.8 | 647.1 | 582.6 | 19 |
| Brant | 400.8 | 435.0 | 424.5 | 405.7 | 415.5 | 416.3 | 41 |
| Bruce | 614.5 | 693.6 | 499.2 | 594.1 | 739.3 | 628.9 | 13 |
| Cochrane | 785.0 | 633.7 | 641.9 | 620.3 | 610.5 | 658.7 | 12 |
| Dufferin | 686.3 | 521.5 | 472.0 | 585.9 | 528.5 | 557.6 | 24 |
| Dundas, Glengarry, Stormont | 477.1 | 470.4 | 394.4 | 461.2 | 516.3 | 464.1 | 35 |
| Durham (R.M.) | 482.4 | 500.9 | 464.3 | 483.5 | 524.8 | 491.9 | 31 |
| Elgin | 797.4 | 800.9 | 589.4 | 486.2 | 441.6 | 619.9 | 14 |
| Essex | 446.2 | 537.3 | 443.6 | 384.7 | 397.6 | 441.5 | 38 |
| Frontenac | 507.0 | 537.3 | 480.6 | 478.4 | 408.5 | 481.6 | 33 |
| Grey | 544.0 | 495.3 | 485.5 | 513.5 | 457.4 | 498.7 | 30 |
| Haldimand-Norfolk (R.M.) | 688.2 | 690.3 | 641.5 | 681.6 | 751.6 | 691.2 | 11 |
| Haliburton | 627.1 | 758.3 | 409.8 | 453.1 | 578.9 | 563.6 | 23 |
| Halton (R.M.) | 462.2 | 451.7 | 429.5 | 385.0 | 373.9 | 418.9 | 40 |
| Hamilton-Wentworth (R.M.) | 386.8 | 313.9 | 384.6 | 325.0 | 310.7 | 344.0 | 45 |
| Hastings | 554.5 | 535.2 | 462.9 | 512.5 | 514.4 | 515.7 | 28 |
| Huron | 410.0 | 412.5 | 436.2 | 464.1 | 372.2 | 418.9 | 40 |
| Kenora | 949.8 | 1,054.1 | 944.6 | 901.5 | 903.2 | 950.4 | 2 |
| Kent | 864.7 | 692.6 | 726.0 | 756.9 | 686.2 | 745.0 | 9 |
| Lambton | 500.0 | 526.3 | 489.3 | 402.2 | 421.7 | 467.5 | 34 |
| Lanark | 591.8 | 518.1 | 551.4 | 656.4 | 632.6 | 591.0 | 18 |
| Leeds and Grenville | 705.3 | 562.6 | 607.5 | 508.7 | 594.5 | 595.1 | 15 |
| Lennox and Addington | 636.4 | 635.6 | 550.4 | 581.9 | 562.3 | 592.8 | 16 |
| Manitoulin | 1,579.4 | 1,572.8 | 1,509.6 | 1,400.0 | 1,509.1 | 1,514.2 | 1 |
| Middlesex | 515.6 | 565.7 | 533.8 | 487.2 | 530.1 | 526.3 | 27 |
| Muskoka | 940.3 | 761.8 | 713.3 | 714.0 | 683.1 | 759.9 | 7 |
| Niagara (R.M.) | 402.7 | 318.6 | 322.2 | 353.4 | 328.1 | 344.8 | 44 |
| Nipissing | 610.8 | 538.6 | 508.8 | 648.5 | 584.0 | 578.5 | 20 |
| Northumberland | 553.7 | 579.0 | 490.6 | 554.5 | 582.2 | 552.2 | 25 |
| Ottawa-Carleton (R.M.) | 322.7 | 317.3 | 306.3 | 303.4 | 260.6 | 301.7 | 47 |
| Oxford | 629.5 | 678.0 | 601.9 | 492.0 | 493.3 | 577.7 | 22 |
| Parry Sound | 811.2 | 872.8 | 838.2 | 744.4 | 745.9 | 801.0 | 5 |
| Peel | 479.9 | 371.3 | 339.0 | 310.2 | 329.9 | 363.3 | 43 |
| Perth | 440.6 | 725.2 | 598.2 | 575.0 | 617.4 | 591.5 | 17 |
| Peterborough | 791.0 | 751.7 | 686.6 | 777.8 | 776.5 | 756.9 | 8 |
| Prescott and Russell | 461.9 | 487.8 | 484.7 | 555.0 | 575.9 | 514.8 | 29 |
| Prince Edward | 724.4 | 593.8 | 469.0 | 552.6 | 552.2 | 578.1 | 21 |
| Rainy River | 978.5 | 809.5 | 786.0 | 685.6 | 613.0 | 775.2 | 6 |
| Renfrew | 496.1 | 503.9 | 431.8 | 423.3 | 389.4 | 448.7 | 37 |
| Simcoe | 940.1 | 986.6 | 947.9 | 972.7 | 841.7 | 935.8 | 3 |
| Sudbury (R.M.) | 397.3 | 280.0 | 287.9 | 372.3 | 331.2 | 333.9 | 46 |
| Sudbury (T.D.) | 904.6 | 914.7 | 1,023.4 | 765.6 | 881.9 | 898.1 | 4 |
| Thunder Bay | 736.8 | 712.9 | 742.9 | 710.8 | 690.0 | 718.6 | 10 |
| Timiskaming | 553.7 | 488.8 | 506.2 | 611.4 | 471.5 | 526.5 | 26 |
| Toronto (Metropolitan) | 246.3 | 287.2 | 250.1 | 225.7 | 241.9 | 250.3 | 48 |
| Victoria | 587.5 | 534.2 | 358.2 | 493.9 | 447.0 | 481.8 | 32 |
| Waterloo | 518.3 | 468.0 | 410.8 | 441.1 | 416.4 | 449.7 | 36 |
| Wellington | 510.2 | 341.2 | 353.8 | 487.1 | 373.5 | 412.7 | 42 |
| York | 518.0 | 449.6 | 401.1 | 391.1 | 378.3 | 421.8 | 39 |
| ONTARIO | 461.9 | 449.6 | 419.0 | 413.2 | 411.6 | 430.6 | |

TABLE II-4

DRIVERS INVOLVED IN ALCOHOL-RELATED TRAFFIC CRASHES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

| County | 1985 | 1986 | 1987 | 1988 | 1989 | 5-Year | Rank |
|-----------------------------|-------|-------|-------|-------|-------|--------|------|
| Algoma | 307.2 | 229.2 | 202.5 | 250.0 | 214.2 | 240.9 | 24 |
| Brant | 293.0 | 250.5 | 256.7 | 228.9 | 228.4 | 251.2 | 15 |
| Bruce | 355.8 | 225.6 | 237.1 | 211.1 | 222.6 | 250.3 | 18 |
| Cochrane | 202.5 | 165.3 | 191.7 | 192.0 | 158.9 | 182.1 | 43 |
| Dufferin | 316.8 | 389.6 | 274.3 | 290.1 | 257.5 | 303.9 | 5 |
| Dundas, Glengarry, Stormont | 293.1 | 263.4 | 254.3 | 199.8 | 198.5 | 241.2 | 23 |
| Durham (R.M.) | 273.0 | 233.9 | 244.6 | 236.9 | 200.4 | 236.3 | 27 |
| Elgin | 231.1 | 210.5 | 198.3 | 188.7 | 173.2 | 199.9 | 39 |
| Essex | 304.5 | 282.2 | 266.5 | 235.5 | 211.9 | 259.8 | 12 |
| Frontenac | 237.3 | 239.6 | 203.3 | 182.9 | 169.0 | 205.9 | 35 |
| Grey | 273.3 | 251.7 | 261.8 | 215.7 | 199.2 | 239.7 | 26 |
| Haldimand-Norfolk (R.M.) | 329.6 | 255.3 | 301.6 | 247.1 | 276.6 | 281.7 | 6 |
| Haliburton | 542.4 | 483.3 | 500.0 | 593.8 | 398.5 | 502.4 | 1 |
| Halton (R.M.) | 222.8 | 178.0 | 187.3 | 175.5 | 161.5 | 184.3 | 42 |
| Hamilton-Wentworth (R.M.) | 187.2 | 170.8 | 167.1 | 160.5 | 150.1 | 167.0 | 44 |
| Hastings | 308.9 | 231.5 | 240.9 | 232.2 | 241.5 | 250.8 | 17 |
| Huron | 356.5 | 262.5 | 225.2 | 218.9 | 149.6 | 242.0 | 22 |
| Kenora | 287.6 | 257.2 | 281.9 | 210.4 | 183.6 | 244.0 | 21 |
| Kent | 281.0 | 206.2 | 249.8 | 206.1 | 188.1 | 226.0 | 29 |
| Lambton | 311.3 | 260.0 | 259.3 | 203.5 | 193.0 | 245.1 | 20 |
| Lanark | 295.9 | 272.2 | 270.8 | 210.4 | 197.0 | 248.2 | 19 |
| Leeds and Grenville | 331.7 | 264.8 | 238.3 | 228.9 | 218.7 | 255.9 | 13 |
| Lennox and Addington | 258.1 | 227.4 | 268.0 | 242.9 | 207.8 | 240.5 | 25 |
| Manitoulin | 700.9 | 398.1 | 461.5 | 419.0 | 400.0 | 476.4 | 2 |
| Middlesex | 244.0 | 192.6 | 183.9 | 196.1 | 198.4 | 202.7 | 38 |
| Muskoka | 408.0 | 384.6 | 421.7 | 325.6 | 321.3 | 370.9 | 3 |
| Niagara (R.M.) | 278.5 | 269.1 | 282.8 | 232.4 | 247.5 | 261.9 | 10 |
| Nipissing | 230.5 | 179.5 | 216.6 | 159.7 | 180.2 | 193.1 | 40 |
| Northumberland | 334.3 | 248.2 | 283.6 | 288.5 | 249.3 | 280.3 | 7 |
| Ottawa-Carleton (R.M.) | 179.6 | 145.1 | 150.2 | 137.8 | 118.9 | 145.9 | 49 |
| Oxford | 199.3 | 188.5 | 206.0 | 205.5 | 157.4 | 191.1 | 41 |
| Parry Sound | 415.9 | 360.9 | 387.3 | 297.8 | 289.2 | 348.8 | 4 |
| Peel | 185.8 | 157.8 | 166.4 | 158.4 | 163.3 | 166.0 | 45 |
| Perth | 206.0 | 165.2 | 157.7 | 148.5 | 123.2 | 159.8 | 46 |
| Peterborough | 278.0 | 219.8 | 237.9 | 231.3 | 210.2 | 235.0 | 28 |
| Prescott and Russell | 281.4 | 224.0 | 196.6 | 188.8 | 178.8 | 212.7 | 34 |
| Prince Edward | 342.2 | 236.6 | 247.8 | 223.7 | 208.7 | 251.5 | 14 |
| Rainy River | 321.9 | 251.1 | 318.8 | 187.8 | 173.9 | 250.9 | 16 |
| Renfrew | 291.0 | 216.0 | 212.5 | 171.1 | 184.8 | 215.0 | 32 |
| Simcoe | 308.4 | 268.5 | 271.2 | 228.2 | 233.2 | 260.5 | 11 |
| Sudbury (R.M.) | 236.0 | 184.5 | 203.8 | 208.7 | 191.5 | 204.9 | 37 |
| Sudbury (T.D.) | 236.0 | 184.5 | 203.8 | 208.7 | 191.5 | 205.1 | 36 |
| Thunder Bay | 355.2 | 272.3 | 287.2 | 226.8 | 231.9 | 274.5 | 9 |
| Timiskaming | 312.2 | 213.4 | 212.0 | 203.0 | 141.4 | 216.7 | 30 |
| Toronto (Metropolitan) | 166.2 | 139.8 | 154.6 | 155.4 | 161.3 | 155.4 | 48 |
| Victoria | 311.3 | 254.8 | 296.4 | 260.9 | 256.6 | 275.2 | 8 |
| Waterloo | 251.7 | 210.1 | 215.6 | 215.5 | 185.9 | 215.1 | 31 |
| Wellington | 240.5 | 210.8 | 221.7 | 201.9 | 193.7 | 213.2 | 33 |
| York | 166.2 | 139.8 | 154.6 | 155.4 | 161.3 | 155.6 | 47 |
| ONTARIO | 231.6 | 194.5 | 202.2 | 188.9 | 182.3 | 199.6 | |

TABLE II-5

SEPARATIONS FROM GENERAL HOSPITALS FOR ALCOHOL-RELATED PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 252.6 | 252.6 | 279.4 | 296.8 | 257.9 | 267.7 | 6 |
| Brant | 157.8 | 196.8 | 207.6 | 187.7 | 183.5 | 186.7 | 13 |
| Bruce | 283.4 | 304.7 | 268.8 | 230.8 | 184.4 | 253.6 | 7 |
| Cochrane | 394.6 | 480.0 | 430.1 | 361.8 | 320.0 | 397.3 | 4 |
| Dufferin | 192.5 | 150.3 | 132.7 | 152.1 | 124.7 | 149.6 | 24 |
| Dundas, Glengarry, Stormont | 182.1 | 168.1 | 148.8 | 161.0 | 150.0 | 161.9 | 21 |
| Durham (R.M.) | 105.3 | 122.3 | 119.5 | 106.5 | 87.3 | 107.6 | 37 |
| Elgin | 138.4 | 147.9 | 129.9 | 112.9 | 98.0 | 125.0 | 32 |
| Essex | 106.1 | 99.2 | 102.8 | 85.0 | 94.4 | 97.5 | 43 |
| Frontenac | 151.0 | 148.4 | 142.1 | 116.0 | 108.5 | 132.9 | 30 |
| Grey | 220.0 | 210.2 | 200.0 | 240.1 | 198.0 | 213.6 | 10 |
| Haldimand-Norfolk (R.M.) | 141.4 | 134.3 | 161.7 | 148.0 | 113.8 | 139.7 | 28 |
| Haliburton | 279.7 | 241.7 | 270.5 | 226.6 | 157.9 | 233.5 | 9 |
| Halton (R.M.) | 116.1 | 102.4 | 107.0 | 111.1 | 92.7 | 105.6 | 39 |
| Hamilton-Wentworth (R.M.) | 131.6 | 131.3 | 130.3 | 103.9 | 62.1 | 111.5 | 34 |
| Hastings | 165.9 | 164.7 | 186.6 | 158.4 | 170.9 | 169.3 | 18 |
| Huron | 149.7 | 200.0 | 166.7 | 187.4 | 158.3 | 172.4 | 17 |
| Kenora | 488.3 | 494.1 | 550.3 | 350.6 | 352.3 | 446.9 | 3 |
| Kent | 164.5 | 183.7 | 186.4 | 161.7 | 183.5 | 176.0 | 16 |
| Lambton | 166.4 | 171.5 | 165.5 | 167.2 | 169.8 | 168.1 | 19 |
| Lanark | 175.5 | 195.6 | 185.8 | 198.8 | 166.7 | 184.4 | 14 |
| Leeds and Grenville | 116.9 | 112.3 | 102.8 | 112.1 | 85.4 | 105.8 | 38 |
| Lennox and Addington | 123.2 | 137.0 | 112.4 | 93.2 | 99.7 | 112.8 | 33 |
| Manitoulin | 392.5 | 485.4 | 586.5 | 657.1 | 509.1 | 525.5 | 1 |
| Middlesex | 101.4 | 97.5 | 110.6 | 116.6 | 97.6 | 104.7 | 40 |
| Muskoka | 186.6 | 153.8 | 130.1 | 132.6 | 155.1 | 151.3 | 23 |
| Niagara (R.M.) | 133.3 | 128.9 | 128.3 | 139.0 | 123.4 | 130.5 | 31 |
| Nipissing | 191.4 | 165.6 | 191.4 | 177.0 | 164.4 | 177.9 | 15 |
| Northumberland | 122.4 | 186.1 | 131.7 | 172.6 | 150.7 | 152.8 | 22 |
| Ottawa-Carleton (R.M.) | 118.6 | 116.9 | 114.9 | 96.5 | 67.8 | 102.5 | 42 |
| Oxford | 150.1 | 167.4 | 187.5 | 162.1 | 154.0 | 164.2 | 20 |
| Parry Sound | 203.5 | 221.9 | 254.3 | 143.3 | 194.6 | 203.0 | 11 |
| Peel | 88.6 | 98.1 | 91.6 | 83.5 | 79.6 | 88.0 | 45 |
| Perth | 198.5 | 141.1 | 172.6 | 101.5 | 120.3 | 146.5 | 25 |
| Peterborough | 163.0 | 151.3 | 119.4 | 127.5 | 111.3 | 134.0 | 29 |
| Prescott and Russell | 58.4 | 52.1 | 71.2 | 88.7 | 71.2 | 68.6 | 47 |
| Prince Edward | 88.9 | 93.7 | 88.5 | 118.4 | 126.1 | 103.3 | 41 |
| Rainy River | 536.5 | 722.9 | 585.2 | 432.3 | 304.3 | 516.5 | 2 |
| Renfrew | 208.5 | 235.1 | 220.4 | 184.4 | 149.6 | 199.4 | 12 |
| Simcoe | 140.2 | 152.7 | 129.9 | 112.0 | 121.0 | 130.5 | 31 |
| Sudbury (R.M.) | 112.8 | 131.8 | 135.7 | 187.5 | 145.7 | 142.7 | 27 |
| Sudbury (T.D.) | 236.6 | 341.1 | 269.5 | 351.6 | 236.2 | 286.9 | 5 |
| Thunder Bay | 163.4 | 310.9 | 244.2 | 229.3 | 220.5 | 233.7 | 8 |
| Timiskaming | 295.1 | 327.5 | 289.3 | 203.0 | 223.3 | 267.7 | 6 |
| Toronto (Metropolitan) | 108.3 | 109.7 | 119.1 | 108.3 | 110.2 | 111.1 | 35 |
| Victoria | 91.4 | 70.3 | 107.3 | 104.3 | 77.8 | 90.3 | 44 |
| Waterloo | 96.4 | 115.4 | 133.7 | 112.4 | 82.8 | 107.9 | 36 |
| Wellington | 168.9 | 158.4 | 164.3 | 162.6 | 74.4 | 144.7 | 26 |
| York | 68.0 | 78.2 | 74.2 | 73.0 | 61.7 | 70.7 | 46 |
| ONTARIO | 136.9 | 143.3 | 144.1 | 133.9 | 118.1 | 135.1 | |

TABLE II-6

SEPARATIONS FROM GENERAL HOSPITALS FOR ALCOHOL-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 230.9 | 233.7 | 247.1 | 271.5 | 287.3 | 254.1 | 13 |
| Brant | 226.8 | 232.6 | 227.1 | 264.7 | 259.9 | 242.5 | 15 |
| Bruce | 250.4 | 271.0 | 278.8 | 229.1 | 265.5 | 258.9 | 12 |
| Cochrane | 356.2 | 372.6 | 365.5 | 285.9 | 320.0 | 340.1 | 5 |
| Dufferin | 173.9 | 171.8 | 162.2 | 152.1 | 165.3 | 164.8 | 37 |
| Dundas, Glengarry, Stormont | 180.1 | 202.1 | 233.2 | 259.5 | 183.6 | 211.8 | 22 |
| Durham (R.M.) | 124.3 | 146.5 | 133.9 | 132.7 | 113.1 | 129.6 | 45 |
| Elgin | 174.0 | 211.9 | 187.2 | 124.0 | 123.5 | 163.5 | 38 |
| Essex | 194.9 | 200.1 | 195.0 | 188.8 | 197.1 | 195.2 | 25 |
| Frontenac | 412.7 | 362.8 | 387.6 | 306.5 | 302.4 | 353.7 | 4 |
| Grey | 172.0 | 153.9 | 209.2 | 209.2 | 235.6 | 196.7 | 24 |
| Haldimand-Norfolk (R.M.) | 154.8 | 137.6 | 126.8 | 167.2 | 149.3 | 147.3 | 44 |
| Haliburton | 305.1 | 216.7 | 295.1 | 289.1 | 278.2 | 277.0 | 9 |
| Halton (R.M.) | 121.0 | 123.8 | 140.2 | 123.8 | 130.9 | 128.0 | 46 |
| Hamilton-Wentworth (R.M.) | 182.5 | 179.5 | 207.1 | 163.5 | 163.1 | 179.0 | 30 |
| Hastings | 273.1 | 246.1 | 255.4 | 205.5 | 233.7 | 242.5 | 15 |
| Huron | 233.5 | 210.7 | 187.9 | 196.1 | 196.5 | 204.9 | 23 |
| Kenora | 680.6 | 578.7 | 600.7 | 517.5 | 540.9 | 583.6 | 2 |
| Kent | 255.6 | 252.1 | 239.5 | 251.4 | 250.5 | 249.8 | 14 |
| Lambton | 167.2 | 180.2 | 131.3 | 142.0 | 169.8 | 158.1 | 41 |
| Lanark | 224.5 | 207.7 | 227.3 | 233.6 | 210.2 | 220.6 | 20 |
| Leeds and Grenville | 274.5 | 273.0 | 222.0 | 218.5 | 193.6 | 235.8 | 18 |
| Lennox and Addington | 202.3 | 279.9 | 210.4 | 175.1 | 235.5 | 220.5 | 21 |
| Manitoulin | 570.1 | 669.9 | 798.1 | 809.5 | 863.6 | 742.9 | 1 |
| Middlesex | 149.6 | 156.9 | 156.1 | 158.4 | 162.6 | 156.8 | 42 |
| Muskoka | 213.9 | 230.8 | 262.7 | 267.4 | 334.8 | 263.5 | 11 |
| Niagara (R.M.) | 180.6 | 190.8 | 182.9 | 182.4 | 178.9 | 183.1 | 28 |
| Nipissing | 230.5 | 189.6 | 181.4 | 168.3 | 188.6 | 191.6 | 26 |
| Northumberland | 277.6 | 262.9 | 276.4 | 308.3 | 257.5 | 276.5 | 10 |
| Ottawa-Carleton (R.M.) | 187.5 | 183.2 | 160.2 | 161.8 | 143.3 | 166.9 | 36 |
| Oxford | 161.8 | 144.0 | 140.0 | 171.2 | 154.0 | 154.3 | 43 |
| Parry Sound | 209.4 | 224.9 | 251.4 | 264.0 | 254.1 | 241.3 | 16 |
| Peel | 103.3 | 109.0 | 110.1 | 117.5 | 108.3 | 109.8 | 47 |
| Perth | 216.5 | 202.7 | 239.6 | 197.1 | 249.3 | 221.2 | 19 |
| Peterborough | 192.7 | 200.8 | 158.6 | 197.6 | 193.5 | 188.7 | 27 |
| Prescott and Russell | 146.9 | 140.6 | 155.9 | 193.8 | 161.4 | 160.2 | 40 |
| Prince Edward | 262.2 | 281.3 | 199.1 | 223.7 | 234.8 | 240.1 | 17 |
| Rainy River | 399.1 | 432.9 | 445.4 | 331.9 | 252.2 | 372.4 | 3 |
| Renfrew | 312.2 | 281.2 | 271.8 | 311.1 | 269.5 | 289.2 | 7 |
| Simcoe | 192.4 | 172.0 | 184.8 | 166.2 | 175.4 | 177.9 | 32 |
| Sudbury (R.M.) | 141.9 | 165.9 | 167.2 | 178.3 | 197.7 | 170.3 | 33 |
| Sudbury (T.D.) | 122.1 | 151.2 | 195.3 | 242.2 | 185.0 | 178.8 | 31 |
| Thunder Bay | 191.8 | 298.7 | 312.8 | 335.7 | 282.1 | 284.3 | 8 |
| Timiskaming | 339.0 | 344.9 | 324.2 | 302.0 | 290.3 | 320.1 | 6 |
| Toronto (Metropolitan) | 181.7 | 177.4 | 167.7 | 161.3 | 156.1 | 168.9 | 35 |
| Victoria | 175.1 | 173.0 | 156.4 | 184.3 | 160.6 | 169.7 | 34 |
| Waterloo | 180.1 | 178.3 | 145.8 | 153.7 | 147.2 | 160.5 | 39 |
| Wellington | 203.2 | 207.2 | 192.3 | 176.8 | 121.2 | 179.1 | 29 |
| York | 80.7 | 78.5 | 87.4 | 78.4 | 69.0 | 78.4 | 48 |
| ONTARIO | 190.1 | 190.2 | 186.4 | 177.9 | 173.8 | 183.5 | |

TABLE II-7

SEPARATIONS FROM MENTAL HOSPITALS FOR ALCOHOL-RELATED PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| Algoma | 8.2 | 12.9 | 7.7 | 11.5 | 9.8 | 10.0 | 23 |
| Brant | 3.8 | 3.8 | 8.3 | 3.7 | 6.3 | 5.2 | 24 |
| Bruce | 1.6 | 6.7 | 8.3 | — | 3.2 | 3.9 | 25 |
| Cochrane | 34.3 | 18.9 | 12.7 | 13.7 | 7.4 | 17.5 | 17 |
| Dufferin | 12.4 | 6.1 | 5.9 | 8.5 | 2.7 | 7.0 | 27 |
| Dundas, Glengarry, Stormont | 12.7 | 18.5 | 17.3 | 4.7 | 10.3 | 12.6 | 20 |
| Durham (R.M.) | 12.0 | 7.4 | 7.9 | 5.2 | 6.3 | 7.6 | 26 |
| Elgin | 82.7 | 78.2 | 62.8 | 62.0 | 60.4 | 69.1 | 5 |
| Essex | 10.2 | 8.8 | 6.3 | 5.9 | 7.1 | 7.7 | 25 |
| Frontenac | 29.7 | 28.6 | 30.1 | 38.1 | 34.0 | 32.2 | 10 |
| Grey | 2.7 | 5.4 | 3.9 | 6.4 | 5.0 | 4.7 | 11 |
| Haldimand-Norfolk (R.M.) | 29.0 | 17.8 | 21.9 | 10.6 | 15.7 | 18.9 | 16 |
| Haliburton | 8.5 | 8.3 | — | 15.6 | 7.5 | 8.1 | 24 |
| Halton (R.M.) | 0.4 | 0.4 | 0.7 | 1.0 | 0.7 | 0.6 | 25 |
| Hamilton-Wentworth (R.M.) | 5.2 | 7.6 | 7.9 | 6.5 | 3.9 | 6.2 | 30 |
| Hastings | 5.5 | 6.4 | 7.2 | 9.8 | 5.2 | 6.8 | 28 |
| Huron | 21.4 | 19.6 | 28.4 | 17.5 | 10.4 | 19.4 | 15 |
| Kenora | 110.4 | 132.0 | 70.5 | 90.2 | 78.5 | 96.2 | 2 |
| Kent | 15.0 | 16.9 | 20.5 | 11.1 | 16.5 | 16.0 | 18 |
| Lambton | 13.5 | 19.1 | 14.3 | 8.7 | 3.9 | 11.9 | 21 |
| Lanark | 8.2 | 18.1 | 31.6 | 21.2 | 20.8 | 20.1 | 14 |
| Leeds and Grenville | 99.0 | 74.5 | 115.7 | 84.4 | 54.7 | 85.5 | 3 |
| Lennox and Addington | 26.4 | 23.3 | 25.9 | 11.3 | 16.6 | 20.6 | 13 |
| Manitoulin | — | — | 9.6 | — | 9.1 | 3.8 | 14 |
| Middlesex | 51.9 | 47.7 | 48.8 | 40.9 | 35.8 | 44.9 | 8 |
| Muskoka | 49.8 | 42.2 | 38.6 | 37.2 | 38.2 | 41.1 | 9 |
| Niagara (R.M.) | 1.4 | 3.0 | 2.4 | 3.7 | 1.3 | 2.3 | 10 |
| Nipissing | 59.2 | 61.9 | 61.7 | 65.6 | 58.0 | 61.3 | 7 |
| Northumberland | 1.5 | 1.5 | 4.3 | 8.5 | 15.1 | 6.3 | 29 |
| Ottawa-Carleton (R.M.) | 1.8 | 0.8 | 0.7 | 0.6 | 1.1 | 1.0 | 30 |
| Oxford | 29.3 | 38.6 | 24.3 | 25.1 | 31.2 | 29.7 | 12 |
| Parry Sound | 32.4 | 29.6 | 43.4 | 25.3 | 29.7 | 32.0 | 11 |
| Peel | 0.9 | 1.4 | — | 0.8 | 0.7 | 0.7 | 12 |
| Perth | 30.1 | 13.5 | 7.4 | 17.6 | 2.9 | 14.2 | 19 |
| Peterborough | 6.7 | 1.9 | 6.5 | 4.6 | 8.0 | 5.6 | 20 |
| Prescott and Russell | 3.5 | 1.7 | 3.4 | 4.9 | — | 2.7 | 21 |
| Prince Edward | 8.9 | — | — | 4.4 | 8.7 | 4.4 | 22 |
| Rainy River | 90.1 | 21.6 | 83.0 | 65.5 | 56.5 | 63.4 | 6 |
| Renfrew | 4.5 | 3.4 | 8.9 | 8.9 | 5.5 | 6.2 | 30 |
| Simcoe | 76.5 | 76.3 | 77.5 | 65.0 | 56.3 | 69.9 | 4 |
| Sudbury (R.M.) | 1.9 | 3.3 | 0.7 | 2.0 | 1.9 | 2.0 | 5 |
| Sudbury (T.D.) | 3.8 | 7.8 | 23.4 | 19.5 | 3.9 | 11.7 | 22 |
| Thunder Bay | 138.4 | 125.9 | 148.7 | 131.2 | 120.7 | 132.9 | 1 |
| Timiskaming | — | — | — | — | — | — | 2 |
| Toronto (Metropolitan) | 4.4 | 4.2 | 3.2 | 2.7 | 2.9 | 3.5 | 3 |
| Victoria | 5.8 | — | 7.3 | 12.2 | 5.0 | 6.1 | 4 |
| Waterloo | 4.0 | 4.9 | 7.4 | 5.2 | 2.8 | 4.8 | 5 |
| Wellington | 5.1 | 2.9 | 4.9 | 1.4 | 3.3 | 3.5 | 39 |
| York | 1.2 | 1.1 | 1.0 | 0.7 | 0.7 | 0.9 | 40 |
| ONTARIO | 15.2 | 14.1 | 14.4 | 12.6 | 11.3 | 13.5 | |

TABLE II-8

SEPARATIONS FROM MENTAL HOSPITALS FOR ALCOHOL-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 3.0 | 4.5 | 4.6 | 3.8 | 2.3 | 3.6 | 31 |
| Brant | 0.9 | 1.9 | 1.9 | 2.7 | 2.7 | 2.0 | 36 |
| Bruce | 1.6 | 1.7 | 10.0 | 4.9 | 3.2 | 4.3 | 27 |
| Cochrane | 15.6 | 11.6 | 8.5 | 8.4 | 8.4 | 10.5 | 14 |
| Dufferin | 3.1 | - | - | 5.6 | 2.7 | 2.3 | 35 |
| Dundas, Glengarry, Stormont | 4.9 | 4.9 | 1.9 | 1.9 | 6.5 | 4.0 | 29 |
| Durham (R.M.) | 9.5 | 7.1 | 8.2 | 6.3 | 8.1 | 7.8 | 18 |
| Elgin | 30.0 | 38.4 | 36.3 | 33.1 | 49.7 | 37.6 | 2 |
| Essex | 4.8 | 3.8 | 3.1 | 4.7 | 4.3 | 4.1 | 28 |
| Frontenac | 26.2 | 15.6 | 19.8 | 22.9 | 32.3 | 23.4 | 5 |
| Grey | - | - | 1.3 | 1.3 | - | 0.5 | 41 |
| Haldimand-Norfolk (R.M.) | 12.2 | 13.3 | 14.2 | 5.3 | 13.6 | 11.7 | 12 |
| Haliburton | 8.5 | - | 16.4 | 7.8 | - | 6.4 | 20 |
| Halton (R.M.) | 0.8 | 0.4 | 0.4 | - | 1.0 | 0.5 | 41 |
| Hamilton-Wentworth (R.M.) | 2.9 | 5.7 | 6.3 | 7.2 | 3.2 | 5.0 | 25 |
| Hastings | 6.4 | 10.1 | 2.7 | 7.1 | 4.4 | 6.1 | 21 |
| Huron | 7.1 | 12.5 | 10.6 | 7.0 | 3.5 | 8.1 | 17 |
| Kenora | 23.4 | 18.6 | 10.1 | 5.0 | 6.7 | 12.7 | 10 |
| Kent | 2.8 | 9.4 | 9.3 | 13.9 | 10.1 | 9.1 | 16 |
| Lambton | 5.6 | 6.4 | 5.6 | 4.7 | 5.4 | 5.5 | 23 |
| Lanark | 12.2 | 6.0 | 5.9 | 7.7 | 3.8 | 7.1 | 19 |
| Leeds and Grenville | 44.2 | 30.7 | 38.6 | 41.6 | 30.8 | 37.1 | 3 |
| Lennox and Addington | 11.7 | 5.8 | 5.8 | 11.3 | 11.1 | 9.2 | 15 |
| Manitoulin | - | 9.7 | 9.6 | 9.5 | - | 5.7 | 22 |
| Middlesex | 9.4 | 15.9 | 16.3 | 13.9 | 14.5 | 14.0 | 8 |
| Muskoka | 17.4 | 12.4 | 16.9 | 2.3 | 11.2 | 11.9 | 11 |
| Niagara (R.M.) | 1.4 | 1.6 | 1.1 | 2.6 | 0.8 | 1.5 | 38 |
| Nipissing | 41.6 | 32.9 | 30.2 | 52.0 | 36.3 | 38.6 | 1 |
| Northumberland | 3.0 | 3.0 | 4.3 | 9.9 | 5.5 | 5.2 | 24 |
| Ottawa-Carleton (R.M.) | 1.2 | 0.5 | 1.3 | 1.0 | 0.6 | 0.9 | 40 |
| Oxford | 7.0 | 9.4 | 4.6 | 4.6 | 13.4 | 7.8 | 18 |
| Parry Sound | 32.4 | 26.6 | 14.5 | 25.3 | 10.8 | 21.7 | 6 |
| Peel | 0.2 | 0.3 | 0.2 | 0.3 | 0.7 | 0.4 | 42 |
| Perth | 3.0 | 3.0 | 7.4 | 4.4 | 5.8 | 4.7 | 26 |
| Peterborough | 7.7 | 1.9 | 3.7 | 2.7 | 3.5 | 3.9 | 30 |
| Prescott and Russell | - | - | - | - | - | - | 43 |
| Prince Edward | 4.4 | 8.9 | 13.3 | 13.2 | 17.4 | 11.5 | 13 |
| Rainy River | 25.8 | 21.6 | 8.7 | 17.5 | 26.1 | 20.0 | 7 |
| Renfrew | 4.5 | 5.6 | 1.1 | 2.2 | 1.1 | 2.9 | 33 |
| Simcoe | 14.4 | 15.9 | 11.7 | 12.7 | 12.4 | 13.4 | 9 |
| Sudbury (R.M.) | 2.6 | 2.0 | 0.7 | 2.0 | 1.3 | 1.7 | 37 |
| Sudbury (T.D.) | - | 7.8 | 3.9 | 3.9 | - | 3.1 | 32 |
| Thunder Bay | 21.2 | 37.9 | 21.8 | 27.4 | 22.2 | 26.1 | 4 |
| Timiskaming | - | - | - | - | - | - | 43 |
| Toronto (Metropolitan) | 4.8 | 4.4 | 4.9 | 3.9 | 3.6 | 4.3 | 27 |
| Victoria | 5.8 | 7.6 | - | 1.7 | 8.3 | 4.7 | 26 |
| Waterloo | 2.2 | 4.6 | 6.2 | 4.3 | 2.5 | 3.9 | 30 |
| Wellington | 2.2 | 3.6 | 4.2 | 2.7 | 1.3 | 2.8 | 34 |
| York | 1.2 | 0.9 | 2.9 | 1.2 | 0.2 | 1.2 | 39 |
| ONTARIO | 6.1 | 6.3 | 6.1 | 6.0 | 5.6 | 6.0 | |

TABLE II-9

ALCOHOL-RELATED DEATHS, RATES PER 100,000 POPULATION,
ONTARIO BY COUNTY, 1984 TO 1988

| County | 1984 | 1985 | 1986 | 1987 | 1988 | 5-Year | Rank |
|-----------------------------|------|------|------|------|------|--------|------|
| Algoma | 8.2 | 12.0 | 12.1 | 9.2 | 17.6 | 11.8 | 14 |
| Brant | 7.6 | 9.5 | 10.4 | 7.4 | 14.7 | 9.9 | 26 |
| Bruce | 13.0 | 9.9 | 13.5 | 15.0 | 9.8 | 12.2 | 13 |
| Cochrane | 6.2 | 9.3 | 10.5 | 7.4 | 8.4 | 8.4 | 34 |
| Dufferin | 6.2 | 15.5 | 3.1 | 8.8 | 14.1 | 9.6 | 27 |
| Dundas, Glengarry, Stormont | 12.7 | 6.8 | 10.7 | 8.6 | 13.3 | 10.4 | 22 |
| Durham (R.M.) | 7.8 | 9.5 | 8.6 | 7.9 | 8.0 | 8.3 | 35 |
| Elgin | 8.6 | 7.1 | 7.1 | 18.2 | 6.9 | 9.6 | 27 |
| Essex | 13.4 | 11.5 | 13.3 | 16.3 | 13.1 | 13.5 | 7 |
| Frontenac | 12.3 | 11.3 | 6.9 | 15.5 | 11.0 | 11.4 | 16 |
| Grey | 18.7 | 20.0 | 10.7 | 10.5 | 15.4 | 15.1 | 4 |
| Haldimand-Norfolk (R.M.) | 14.5 | 13.4 | 6.7 | 8.7 | 11.7 | 11.0 | 19 |
| Haliburton | 16.9 | 8.5 | 8.3 | 8.2 | 15.6 | 11.6 | 15 |
| Halton (R.M.) | 7.2 | 10.5 | 9.9 | 7.1 | 7.9 | 8.5 | 33 |
| Hamilton-Wentworth (R.M.) | 12.0 | 14.3 | 10.9 | 15.4 | 11.3 | 12.8 | 10 |
| Hastings | 13.8 | 11.9 | 15.6 | 11.8 | 8.9 | 12.4 | 11 |
| Huron | 5.4 | 10.7 | 12.5 | 5.3 | 10.5 | 8.9 | 31 |
| Kenora | 10.1 | 18.4 | 13.5 | 15.1 | 11.7 | 13.8 | 5 |
| Kent | 12.2 | 6.6 | 10.3 | 10.3 | 6.5 | 9.2 | 29 |
| Lambton | 11.1 | 11.9 | 15.2 | 7.2 | 11.8 | 11.4 | 16 |
| Lanark | 12.4 | 4.1 | 12.1 | 13.8 | 13.5 | 11.2 | 17 |
| Leeds and Grenville | 18.1 | 20.3 | 11.8 | 8.2 | 6.9 | 13.0 | 9 |
| Lennox and Addington | — | 8.8 | 5.8 | 5.8 | 2.8 | 4.6 | 39 |
| Manitoulin | 9.3 | — | 19.4 | 9.6 | 9.5 | 9.5 | 28 |
| Middlesex | 8.6 | 11.2 | 10.2 | 10.1 | 11.6 | 10.3 | 23 |
| Muskoka | 15.1 | 12.4 | 7.4 | 9.6 | 7.0 | 10.3 | 23 |
| Niagara (R.M.) | 10.3 | 18.1 | 13.8 | 10.4 | 13.8 | 13.3 | 8 |
| Nipissing | 16.3 | 18.9 | 20.2 | 16.4 | 16.1 | 17.6 | 3 |
| Northumberland | 13.5 | 10.4 | 8.9 | 7.2 | 5.7 | 9.1 | 30 |
| Ottawa-Carleton (R.M.) | 12.6 | 9.5 | 11.4 | 11.6 | 10.7 | 11.1 | 18 |
| Oxford | 9.3 | 15.2 | 11.7 | 4.6 | 4.6 | 9.1 | 30 |
| Parry Sound | 11.8 | 20.6 | 8.9 | 28.9 | 25.3 | 19.2 | 1 |
| Peel | 6.0 | 6.5 | 7.6 | 6.0 | 7.6 | 6.8 | 37 |
| Perth | 18.2 | 7.5 | 13.5 | 7.4 | 4.4 | 10.2 | 21 |
| Peterborough | 6.7 | 13.4 | 12.4 | 12.1 | 8.2 | 10.6 | 21 |
| Prescott and Russell | 12.6 | 5.3 | 8.7 | 8.5 | 8.2 | 8.6 | 33 |
| Prince Edward | 4.5 | 26.7 | 8.9 | 13.3 | — | 10.6 | 21 |
| Rainy River | 8.5 | 12.9 | 4.3 | 8.7 | 4.4 | 7.8 | 38 |
| Renfrew | 19.0 | 10.0 | 9.0 | 8.9 | 14.4 | 12.3 | 11 |
| Simcoe | 12.9 | 10.6 | 8.8 | 10.9 | 12.7 | 11.2 | 11 |
| Sudbury (R.M.) | 8.3 | 11.7 | 16.4 | 15.7 | 11.8 | 12.8 | 11 |
| Sudbury (T.D.) | 18.9 | — | 3.9 | 19.5 | 7.8 | 10.0 | 24 |
| Thunder Bay | 12.3 | 10.3 | 11.6 | 14.1 | 19.7 | 13.6 | 6 |
| Timiskaming | 19.5 | 24.4 | 24.8 | 32.4 | 14.9 | 23.2 | 2 |
| Toronto (Metropolitan) | 14.0 | 12.4 | 14.7 | 13.6 | 13.4 | 13.6 | 7 |
| Victoria | 4.0 | 13.6 | 7.6 | 16.4 | 10.4 | 10.5 | 25 |
| Waterloo | 9.8 | 8.7 | 9.7 | 7.1 | 7.5 | 8.5 | 35 |
| Wellington | 8.9 | 6.6 | 14.3 | 11.9 | 10.2 | 10.4 | 22 |
| York | 9.3 | 6.5 | 6.0 | 6.5 | 5.9 | 6.7 | 36 |
| ONTARIO | 11.4 | 11.3 | 11.6 | 11.2 | 11.1 | 11.3 | |

TABLE II-10

DRUG-RELATED OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

| County | 1985 | 1986 | 1987 | 1988 | 1989 | 5-Year | Rank |
|-----------------------------|-------|-------|-------|-------|-------|--------|------|
| Algoma | 281.5 | 322.0 | 187.9 | 390.2 | 530.2 | 342.7 | 2 |
| Brant | 114.6 | 97.9 | 95.2 | 76.2 | 180.4 | 113.2 | 47 |
| Bruce | 118.1 | 163.9 | 106.8 | 157.2 | 201.3 | 149.9 | 36 |
| Cochrane | 306.6 | 274.9 | 239.6 | 323.3 | 476.1 | 324.1 | 4 |
| Dufferin | 139.5 | 71.3 | 92.4 | 138.0 | 318.0 | 155.4 | 32 |
| Dundas, Glengarry, Stormont | 81.2 | 123.9 | 58.8 | 45.4 | 120.4 | 86.0 | 48 |
| Durham (R.M.) | 146.7 | 148.7 | 220.0 | 173.5 | 187.8 | 176.3 | 28 |
| Elgin | 195.1 | 221.1 | 287.5 | 186.5 | 196.0 | 217.1 | 19 |
| Essex | 153.0 | 99.3 | 137.0 | 106.7 | 197.9 | 138.9 | 43 |
| Frontenac | 108.5 | 110.7 | 198.7 | 150.1 | 168.6 | 147.6 | 39 |
| Grey | 177.8 | 213.3 | 162.0 | 185.2 | 244.8 | 197.0 | 24 |
| Haldimand-Norfolk (R.M.) | 182.0 | 133.0 | 271.3 | 184.9 | 244.4 | 203.7 | 21 |
| Haliburton | 73.7 | 81.3 | 83.0 | 309.3 | 164.8 | 145.1 | 41 |
| Halton (R.M.) | 179.9 | 127.1 | 153.6 | 117.4 | 134.1 | 141.8 | 42 |
| Hamilton-Wentworth (R.M.) | 300.8 | 220.1 | 263.7 | 357.6 | 269.7 | 282.5 | 11 |
| Hastings | 203.2 | 170.8 | 133.9 | 130.1 | 144.5 | 156.2 | 31 |
| Huron | 88.9 | 152.2 | 158.2 | 176.1 | 282.3 | 172.1 | 29 |
| Kenora | 259.5 | 200.8 | 306.2 | 305.6 | 414.1 | 297.5 | 8 |
| Kent | 222.3 | 333.5 | 382.4 | 397.7 | 270.6 | 321.4 | 6 |
| Lambton | 262.2 | 266.0 | 220.3 | 240.9 | 124.8 | 222.3 | 18 |
| Lanark | 92.0 | 123.0 | 191.8 | 126.4 | 205.4 | 148.6 | 38 |
| Leeds and Grenville | 92.1 | 83.5 | 63.5 | 61.9 | 300.2 | 121.2 | 46 |
| Lennox and Addington | 247.7 | 96.8 | 821.5 | 145.6 | 163.4 | 294.0 | 9 |
| Manitoulin | 81.2 | 363.7 | 360.0 | 189.3 | 181.5 | 233.3 | 17 |
| Middlesex | 122.9 | 143.3 | 152.0 | 170.6 | 154.4 | 148.9 | 37 |
| Muskoka | 198.5 | 157.1 | 130.7 | 148.5 | 185.5 | 164.1 | 30 |
| Niagara (R.M.) | 90.5 | 77.4 | 63.1 | 44.2 | 46.6 | 64.1 | 49 |
| Nipissing | 254.8 | 256.3 | 233.3 | 195.8 | 309.3 | 250.2 | 13 |
| Northumberland | 181.7 | 274.3 | 154.8 | 120.8 | 240.0 | 194.3 | 25 |
| Ottawa-Carleton (R.M.) | 216.6 | 182.1 | 168.9 | 157.4 | 173.0 | 179.3 | 26 |
| Oxford | 267.3 | 214.2 | 259.6 | 122.1 | 149.0 | 201.6 | 22 |
| Parry Sound | 179.8 | 484.9 | 310.2 | 257.7 | 277.7 | 301.1 | 7 |
| Peel | 189.2 | 260.2 | 250.1 | 238.7 | 235.4 | 235.2 | 16 |
| Perth | 172.5 | 201.6 | 202.1 | 217.8 | 204.0 | 199.7 | 23 |
| Peterborough | 138.8 | 95.8 | 149.9 | 179.5 | 168.3 | 147.1 | 40 |
| Prescott and Russell | 157.5 | 163.2 | 278.9 | 126.5 | 159.0 | 176.6 | 27 |
| Prince Edward | 377.4 | 174.3 | 294.6 | 143.4 | 199.2 | 237.5 | 15 |
| Rainy River | 221.6 | 218.8 | 247.1 | 278.5 | 359.7 | 265.0 | 12 |
| Renfrew | 144.4 | 126.2 | 124.1 | 262.3 | 111.6 | 153.8 | 33 |
| Simcoe | 214.3 | 222.4 | 386.8 | 295.0 | 473.7 | 323.2 | 5 |
| Sudbury (R.M.) | 247.5 | 276.0 | 366.5 | 127.4 | 186.3 | 240.4 | 14 |
| Sudbury (T.D.) | 373.3 | 276.0 | 251.1 | 191.8 | 323.9 | 283.6 | 10 |
| Thunder Bay | 284.3 | 307.3 | 328.3 | 239.1 | 526.4 | 337.3 | 3 |
| Timiskaming | 171.5 | 86.2 | 148.8 | 206.5 | 142.3 | 151.2 | 35 |
| Toronto (Metropolitan) | 326.1 | 322.0 | 403.3 | 397.4 | 539.5 | 397.0 | 1 |
| Victoria | 256.0 | 113.7 | 263.2 | 178.1 | 217.2 | 205.7 | 20 |
| Waterloo | 98.1 | 92.6 | 120.5 | 155.0 | 144.3 | 123.0 | 45 |
| Wellington | 78.7 | 130.4 | 151.2 | 170.7 | 103.1 | 127.2 | 44 |
| York | 237.1 | 134.4 | 132.9 | 130.1 | 139.8 | 151.5 | 34 |
| ONTARIO | 219.9 | 212.0 | 246.7 | 233.7 | 284.2 | 239.8 | |

TABLE II-11

SEPARATIONS FROM GENERAL HOSPITALS FOR DRUG-RELATED PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 154.0 | 143.0 | 127.8 | 161.8 | 150.8 | 147.5 | 4 |
| Brant | 72.8 | 76.3 | 83.4 | 86.1 | 75.5 | 78.8 | 5 |
| Bruce | 108.7 | 111.1 | 76.8 | 73.6 | 74.7 | 88.8 | 6 |
| Cochrane | 158.9 | 141.1 | 169.5 | 199.4 | 150.5 | 163.8 | 3 |
| Dufferin | 130.4 | 113.5 | 112.1 | 118.3 | 108.4 | 116.3 | 7 |
| Dundas, Glengarry, Stormont | 106.1 | 107.9 | 118.0 | 127.8 | 85.7 | 109.0 | 10 |
| Durham (R.M.) | 40.5 | 54.9 | 67.7 | 67.3 | 53.7 | 57.1 | 11 |
| Elgin | 109.8 | 92.5 | 113.1 | 117.1 | 87.2 | 103.9 | 12 |
| Essex | 86.6 | 83.8 | 84.0 | 94.1 | 92.2 | 88.2 | 13 |
| Frontenac | 103.8 | 77.3 | 101.6 | 91.4 | 77.1 | 90.1 | 14 |
| Grey | 97.3 | 95.0 | 84.2 | 64.2 | 71.4 | 82.2 | 15 |
| Haldimand-Norfolk (R.M.) | 73.5 | 56.6 | 64.5 | 73.5 | 91.9 | 72.2 | 16 |
| Haliburton | 50.8 | 75.0 | 82.0 | 46.9 | 30.1 | 56.4 | 17 |
| Halton (R.M.) | 56.7 | 60.8 | 60.3 | 56.2 | 63.8 | 59.6 | 18 |
| Hamilton-Wentworth (R.M.) | 48.9 | 52.4 | 60.0 | 59.9 | 54.1 | 55.1 | 19 |
| Hastings | 108.2 | 87.8 | 97.8 | 72.1 | 77.6 | 88.5 | 20 |
| Huron | 48.1 | 64.3 | 65.6 | 52.5 | 59.1 | 57.9 | 21 |
| Kenora | 202.3 | 252.1 | 273.5 | 277.1 | 287.1 | 258.5 | 1 |
| Kent | 83.6 | 92.8 | 100.7 | 93.3 | 69.7 | 88.0 | 2 |
| Lambton | 66.9 | 71.0 | 81.1 | 83.6 | 79.8 | 76.5 | 3 |
| Lanark | 91.8 | 108.9 | 132.4 | 115.8 | 89.0 | 107.6 | 11 |
| Leeds and Grenville | 60.9 | 82.7 | 90.0 | 75.1 | 84.3 | 78.7 | 12 |
| Lennox and Addington | 76.2 | 64.1 | 106.6 | 67.8 | 72.0 | 77.3 | 13 |
| Manitoulin | 140.2 | 203.9 | 240.4 | 200.0 | 218.2 | 200.4 | 2 |
| Middlesex | 58.0 | 63.3 | 81.3 | 76.0 | 61.3 | 68.0 | 3 |
| Muskoka | 79.6 | 72.0 | 110.8 | 114.0 | 92.1 | 94.0 | 4 |
| Niagara (R.M.) | 86.0 | 92.4 | 99.4 | 116.2 | 107.7 | 100.5 | 5 |
| Nipissing | 74.3 | 117.6 | 138.5 | 107.7 | 116.1 | 110.9 | 9 |
| Northumberland | 79.1 | 88.6 | 105.6 | 84.9 | 78.1 | 87.2 | 10 |
| Ottawa-Carleton (R.M.) | 68.4 | 61.3 | 65.7 | 67.7 | 54.5 | 63.5 | 11 |
| Oxford | 80.9 | 82.0 | 68.3 | 92.5 | 72.5 | 79.2 | 12 |
| Parry Sound | 64.9 | 94.7 | 86.7 | 78.7 | 89.2 | 82.9 | 13 |
| Peel | 70.6 | 73.1 | 78.6 | 72.1 | 74.1 | 73.7 | 14 |
| Perth | 55.6 | 79.6 | 67.0 | 98.5 | 79.7 | 76.2 | 15 |
| Peterborough | 66.2 | 53.3 | 49.4 | 77.4 | 62.7 | 61.9 | 16 |
| Prescott and Russell | 70.8 | 64.2 | 108.5 | 93.6 | 64.9 | 80.4 | 17 |
| Prince Edward | 84.4 | 44.6 | 61.9 | 74.6 | 43.5 | 61.8 | 18 |
| Rainy River | 128.8 | 129.9 | 135.4 | 117.9 | 82.6 | 118.9 | 6 |
| Renfrew | 109.3 | 101.2 | 114.1 | 103.3 | 96.8 | 104.9 | 13 |
| Simcoe | 97.3 | 84.3 | 92.0 | 71.2 | 80.8 | 84.8 | 14 |
| Sudbury (R.M.) | 123.8 | 141.6 | 133.8 | 147.0 | 103.3 | 129.8 | 5 |
| Sudbury (T.D.) | 76.3 | 89.1 | 97.7 | 66.4 | 82.7 | 82.4 | 6 |
| Thunder Bay | 62.4 | 112.4 | 116.0 | 124.2 | 109.3 | 104.9 | 13 |
| Timiskaming | 65.9 | 89.3 | 114.7 | 143.6 | 156.3 | 113.8 | 8 |
| Toronto (Metropolitan) | 63.4 | 62.7 | 76.6 | 79.2 | 96.8 | 75.6 | 9 |
| Victoria | 38.9 | 36.1 | 52.7 | 53.9 | 61.3 | 49.1 | 10 |
| Waterloo | 91.1 | 88.4 | 87.8 | 105.7 | 75.5 | 89.6 | 11 |
| Wellington | 116.2 | 102.5 | 111.9 | 103.7 | 97.5 | 106.2 | 12 |
| York | 49.1 | 47.6 | 59.2 | 62.4 | 55.1 | 55.2 | 13 |
| ONTARIO | 76.9 | 77.7 | 87.3 | 86.6 | 85.1 | 82.8 | |

TABLE II-12

SEPARATIONS FROM GENERAL HOSPITALS FOR DRUG-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 65.8 | 64.3 | 69.3 | 85.9 | 141.0 | 85.3 | 11 |
| Brant | 82.2 | 91.3 | 127.9 | 155.7 | 151.1 | 122.2 | 3 |
| Bruce | 52.7 | 45.5 | 48.4 | 60.6 | 47.7 | 51.0 | 34 |
| Cochrane | 97.6 | 72.6 | 103.8 | 128.7 | 104.2 | 101.4 | 7 |
| Dufferin | 59.0 | 49.1 | 26.5 | 31.0 | 24.4 | 37.4 | 44 |
| Dundas, Glengarry, Stormont | 64.3 | 76.8 | 77.7 | 109.8 | 60.6 | 77.9 | 17 |
| Durham (R.M.) | 61.7 | 48.7 | 44.8 | 49.6 | 42.5 | 49.1 | 35 |
| Elgin | 35.7 | 44.1 | 41.9 | 34.4 | 25.5 | 36.2 | 45 |
| Essex | 79.6 | 79.6 | 90.0 | 79.4 | 81.1 | 82.0 | 14 |
| Frontenac | 132.6 | 138.0 | 135.2 | 102.5 | 88.6 | 119.0 | 4 |
| Grey | 54.7 | 46.9 | 73.7 | 86.0 | 62.7 | 64.9 | 24 |
| Haldimand-Norfolk (R.M.) | 41.2 | 53.3 | 33.9 | 43.7 | 39.7 | 42.3 | 39 |
| Haliburton | 50.8 | 50.0 | 82.0 | 117.2 | 90.2 | 78.9 | 16 |
| Halton (R.M.) | 46.6 | 52.7 | 59.2 | 63.4 | 64.8 | 57.6 | 29 |
| Hamilton-Wentworth (R.M.) | 67.5 | 62.8 | 62.6 | 63.8 | 62.1 | 63.8 | 26 |
| Hastings | 83.4 | 61.3 | 100.5 | 108.5 | 96.8 | 90.3 | 10 |
| Huron | 33.9 | 71.4 | 72.7 | 40.3 | 73.0 | 58.3 | 28 |
| Kenora | 93.6 | 123.5 | 137.6 | 106.8 | 116.9 | 115.7 | 5 |
| Kent | 72.4 | 87.2 | 73.6 | 98.9 | 91.7 | 84.8 | 12 |
| Lambton | 39.0 | 37.5 | 34.2 | 52.1 | 74.4 | 47.6 | 37 |
| Lanark | 53.1 | 80.6 | 71.1 | 90.7 | 47.3 | 68.6 | 22 |
| Leeds and Grenville | 63.2 | 85.1 | 44.4 | 41.6 | 33.0 | 53.2 | 33 |
| Lennox and Addington | 149.6 | 93.3 | 83.6 | 96.0 | 66.5 | 97.4 | 8 |
| Manitoulin | 158.9 | 87.4 | 153.8 | 209.5 | 136.4 | 149.3 | 1 |
| Middlesex | 41.9 | 45.0 | 57.0 | 61.5 | 61.3 | 53.5 | 32 |
| Muskoka | 32.3 | 22.3 | 48.2 | 62.8 | 38.2 | 41.1 | 40 |
| Niagara (R.M.) | 47.3 | 58.9 | 62.7 | 77.0 | 62.3 | 61.7 | 27 |
| Nipissing | 45.3 | 45.5 | 50.4 | 21.0 | 36.3 | 39.6 | 41 |
| Northumberland | 97.0 | 60.6 | 105.6 | 106.1 | 115.1 | 97.3 | 9 |
| Ottawa-Carleton (R.M.) | 67.4 | 76.0 | 72.7 | 89.1 | 62.3 | 73.5 | 19 |
| Oxford | 64.5 | 60.9 | 75.2 | 99.3 | 87.1 | 77.6 | 18 |
| Parry Sound | 38.3 | 50.3 | 23.1 | 33.7 | 48.6 | 38.9 | 42 |
| Peel | 60.2 | 57.3 | 57.3 | 58.8 | 58.1 | 58.3 | 28 |
| Perth | 73.7 | 63.1 | 90.8 | 82.4 | 56.5 | 73.2 | 20 |
| Peterborough | 109.3 | 119.9 | 147.4 | 160.3 | 151.1 | 138.1 | 2 |
| Prescott and Russell | 92.0 | 116.3 | 116.9 | 121.5 | 87.0 | 106.7 | 6 |
| Prince Edward | 62.2 | 62.5 | 31.0 | 87.7 | 78.3 | 64.4 | 25 |
| Rainy River | 107.3 | 64.9 | 26.2 | 43.7 | 39.1 | 56.4 | 30 |
| Renfrew | 62.4 | 57.4 | 82.8 | 73.3 | 79.2 | 71.1 | 21 |
| Simcoe | 77.7 | 61.2 | 68.6 | 72.3 | 61.0 | 68.0 | 23 |
| Sudbury (R.M.) | 27.9 | 31.5 | 45.2 | 53.6 | 65.5 | 44.8 | 38 |
| Sudbury (T.D.) | 15.3 | 19.4 | 35.2 | 62.5 | 35.4 | 33.4 | 46 |
| Thunder Bay | 102.3 | 62.9 | 91.7 | 114.6 | 44.5 | 83.2 | 13 |
| Timiskaming | 70.7 | 57.1 | 92.3 | 113.9 | 67.0 | 80.2 | 15 |
| Toronto (Metropolitan) | 51.4 | 49.1 | 54.1 | 63.0 | 59.5 | 55.4 | 31 |
| Victoria | 52.5 | 72.2 | 72.7 | 78.3 | 77.8 | 71.1 | 21 |
| Waterloo | 27.6 | 23.1 | 27.5 | 34.5 | 44.9 | 31.8 | 47 |
| Wellington | 46.8 | 53.8 | 53.8 | 52.2 | 35.6 | 48.3 | 36 |
| York | 36.3 | 26.8 | 36.6 | 44.3 | 42.4 | 37.8 | 43 |
| ONTARIO | 60.7 | 59.5 | 64.8 | 71.0 | 64.8 | 64.2 | |

TABLE II-13

**SEPARATIONS FROM MENTAL HOSPITALS FOR DRUG-RELATED
PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION,
ONTARIO BY COUNTY, 1985-86 TO 1989-90**

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 1.5 | 3.0 | 0.8 | 0.8 | — | 1.2 | 36 |
| Brant | 3.8 | 3.8 | 1.9 | 2.7 | 2.7 | 3.0 | 25 |
| Bruce | — | — | 5.0 | 1.6 | — | 1.3 | 35 |
| Cochrane | 17.7 | 9.5 | 1.1 | 5.3 | 3.2 | 7.4 | 11 |
| Dufferin | 6.2 | 3.1 | — | — | — | 1.8 | 31 |
| Dundas, Glengarry, Stormont | — | 2.9 | 10.6 | 0.9 | 6.5 | 4.2 | 21 |
| Durham (R.M.) | 8.2 | 4.6 | 3.2 | 3.6 | 2.6 | 4.3 | 20 |
| Elgin | 18.5 | 17.1 | 18.2 | 16.5 | 12.1 | 16.4 | 1 |
| Essex | 4.5 | 4.7 | 0.6 | 3.7 | 3.1 | 3.3 | 24 |
| Frontenac | 16.6 | 13.0 | 16.4 | 10.2 | 13.3 | 13.9 | 6 |
| Grey | 2.7 | 1.3 | — | 1.3 | 2.5 | 1.6 | 33 |
| Haldimand-Norfolk (R.M.) | 8.9 | 6.7 | 5.5 | 3.2 | 7.3 | 6.3 | 12 |
| Haliburton | — | — | — | — | — | — | 40 |
| Halton (R.M.) | 0.8 | 1.5 | 0.7 | 0.3 | 0.7 | 0.8 | 38 |
| Hamilton-Wentworth (R.M.) | 5.5 | 5.2 | 0.5 | 9.3 | 3.0 | 4.7 | 18 |
| Hastings | 5.5 | 3.7 | 4.5 | 5.3 | 2.6 | 4.3 | 20 |
| Huron | — | 1.8 | — | 7.0 | 3.5 | 2.5 | 28 |
| Kenora | 13.4 | 18.6 | 8.4 | 11.7 | 13.4 | 13.1 | 8 |
| Kent | 0.9 | 8.4 | 2.8 | — | 2.8 | 3.0 | 25 |
| Lambton | 0.8 | 3.2 | 4.0 | 0.8 | 4.7 | 2.7 | 26 |
| Lanark | 4.1 | 6.0 | 5.9 | — | 1.9 | 3.5 | 23 |
| Leeds and Grenville | 17.9 | 14.2 | 12.9 | 13.9 | 13.7 | 14.5 | 3 |
| Lennox and Addington | — | — | 8.6 | — | 11.1 | 4.0 | 22 |
| Manitoulin | — | — | 48.1 | 19.0 | — | 13.2 | 7 |
| Middlesex | 8.5 | 10.2 | 10.9 | 14.8 | 9.6 | 10.8 | 10 |
| Muskoka | 2.5 | 2.5 | 14.5 | 7.0 | — | 5.3 | 16 |
| Niagara (R.M.) | 1.1 | 1.6 | 2.1 | 2.9 | 0.8 | 1.7 | 32 |
| Nipissing | 11.3 | 19.0 | — | 17.3 | 24.2 | 14.4 | 4 |
| Northumberland | 3.0 | — | 4.3 | 4.2 | 1.4 | 2.6 | 27 |
| Ottawa-Carleton (R.M.) | — | 0.7 | 0.2 | 1.4 | 0.2 | 0.5 | 39 |
| Oxford | 9.4 | 5.9 | 5.8 | 5.7 | 3.3 | 6.0 | 14 |
| Parry Sound | 11.8 | 5.9 | 52.0 | — | 2.7 | 14.3 | 5 |
| Peel | 0.5 | 0.3 | 0.5 | 0.2 | 0.9 | 0.5 | 39 |
| Perth | 9.0 | 3.0 | 1.5 | 5.9 | 2.9 | 4.4 | 19 |
| Peterborough | 1.0 | 1.0 | 0.9 | 0.9 | 3.5 | 1.5 | 34 |
| Prescott and Russell | — | — | 30.5 | — | — | 6.1 | 13 |
| Prince Edward | — | — | — | 4.4 | 8.7 | 2.6 | 27 |
| Rainy River | 21.5 | 13.0 | 26.2 | 8.7 | 4.3 | 14.8 | 2 |
| Renfrew | 2.2 | — | 1.1 | 1.1 | 1.1 | 1.1 | 37 |
| Simcoe | 11.0 | 9.2 | 0.4 | 3.8 | 1.8 | 5.1 | 17 |
| Sudbury (R.M.) | 0.6 | 2.0 | 0.7 | 3.3 | — | 1.3 | 35 |
| Sudbury (T.D.) | 3.8 | — | 23.4 | — | — | 5.4 | 15 |
| Thunder Bay | 17.4 | 14.8 | — | 14.0 | 18.4 | 12.9 | 9 |
| Timiskaming | — | — | — | — | — | — | 40 |
| Toronto (Metropolitan) | 2.5 | 1.9 | 1.5 | 2.0 | 2.6 | 2.1 | 30 |
| Victoria | — | 5.7 | 3.6 | — | 1.7 | 2.2 | 29 |
| Waterloo | 1.5 | 0.9 | 0.6 | 1.1 | 3.3 | 1.5 | 34 |
| Wellington | 2.2 | — | 7.0 | 0.7 | 1.3 | 2.2 | 29 |
| York | 0.6 | 1.4 | 4.2 | 0.5 | 0.2 | 1.3 | 35 |
| ONTARIO | 4.0 | 3.6 | 3.1 | 3.5 | 3.2 | 3.5 | |

TABLE II-14

SEPARATIONS FROM MENTAL HOSPITALS FOR DRUG-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

| County | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 5-Year | Rank |
|-----------------------------|---------|---------|---------|---------|---------|--------|------|
| Algoma | 3.0 | 11.3 | 7.7 | 9.2 | 3.0 | 6.8 | 22 |
| Brant | 3.8 | 9.4 | 4.6 | 1.8 | 6.3 | 5.2 | 28 |
| Bruce | — | — | 3.3 | — | 1.6 | 1.0 | 44 |
| Cochrane | 14.5 | 9.5 | 9.5 | 12.7 | 9.5 | 11.1 | 13 |
| Dufferin | — | 6.1 | 5.9 | 2.8 | 2.7 | 3.5 | 33 |
| Dundas, Glengarry, Stormont | 7.8 | 2.9 | 2.9 | 5.7 | 7.5 | 5.4 | 27 |
| Durham (R.M.) | 11.4 | 9.2 | 14.4 | 15.7 | 9.6 | 12.1 | 11 |
| Elgin | 44.2 | 31.3 | 55.9 | 51.0 | 44.3 | 45.4 | 2 |
| Essex | 4.5 | 7.9 | 8.2 | 7.5 | 9.0 | 7.4 | 20 |
| Frontenac | 19.2 | 12.2 | 27.6 | 21.2 | 26.5 | 21.4 | 7 |
| Grey | 1.3 | — | 3.9 | 5.1 | 3.8 | 2.9 | 35 |
| Haldimand-Norfolk (R.M.) | 4.5 | 11.1 | 9.8 | 8.5 | 8.4 | 8.5 | 16 |
| Haliburton | — | — | — | 7.8 | — | 1.6 | 41 |
| Halton (R.M.) | 1.5 | 0.7 | — | 1.4 | 1.7 | 1.1 | 43 |
| Hamilton-Wentworth (R.M.) | 2.1 | 3.3 | 4.0 | 7.4 | 5.9 | 4.6 | 29 |
| Hastings | 4.6 | 9.1 | 8.2 | 11.6 | 7.0 | 8.1 | 18 |
| Huron | 5.3 | 5.4 | 10.6 | 14.0 | 17.4 | 10.6 | 14 |
| Kenora | 26.8 | 40.6 | 23.5 | 33.4 | 28.4 | 30.5 | 4 |
| Kent | 9.4 | 12.2 | 8.4 | 3.7 | 10.1 | 8.7 | 15 |
| Lambton | 8.0 | 7.2 | 12.7 | 3.2 | 4.7 | 7.1 | 21 |
| Lanark | 6.1 | 4.0 | 13.8 | 3.9 | 11.4 | 7.9 | 19 |
| Leeds and Grenville | 17.9 | 23.6 | 14.0 | 33.5 | 29.6 | 23.8 | 6 |
| Lennox and Addington | 14.7 | 17.5 | 11.5 | 5.6 | 13.9 | 12.6 | 10 |
| Manitoulin | — | — | 9.6 | 9.5 | — | 3.8 | 32 |
| Middlesex | 27.3 | 22.8 | 32.5 | 37.1 | 34.6 | 31.0 | 3 |
| Muskoka | 7.5 | 7.4 | 4.8 | 7.0 | 6.7 | 6.7 | 23 |
| Niagara (R.M.) | 1.9 | 1.4 | 2.9 | 2.9 | 1.0 | 2.0 | 40 |
| Nipissing | 12.6 | 17.7 | 17.6 | 24.8 | 29.0 | 20.4 | 8 |
| Northumberland | 6.0 | 1.5 | 4.3 | 5.7 | 2.7 | 4.0 | 30 |
| Ottawa-Carleton (R.M.) | 1.7 | 2.0 | 0.8 | 1.0 | 0.6 | 1.2 | 42 |
| Oxford | 15.2 | 17.6 | 17.4 | 18.3 | 20.1 | 17.7 | 9 |
| Parry Sound | 8.8 | 17.8 | 23.1 | — | 10.8 | 12.0 | 12 |
| Peel | 0.9 | 1.0 | 0.7 | 0.8 | 0.7 | 0.8 | 45 |
| Perth | 15.0 | 4.5 | 4.5 | 16.2 | 1.4 | 8.3 | 17 |
| Peterborough | 1.0 | 3.8 | 4.7 | 4.6 | 5.3 | 3.9 | 31 |
| Prescott and Russell | 1.8 | — | — | 1.6 | — | 0.7 | 46 |
| Prince Edward | — | — | 8.8 | 4.4 | — | 2.6 | 36 |
| Rainy River | 25.8 | 34.6 | 34.9 | 13.1 | 21.7 | 26.0 | 5 |
| Renfrew | 2.2 | 1.1 | 5.6 | 1.1 | 2.2 | 2.5 | 37 |
| Simcoe | 7.6 | 6.3 | 5.2 | 7.3 | 1.8 | 5.6 | 26 |
| Sudbury (R.M.) | 2.6 | 2.6 | 1.3 | 2.6 | 1.9 | 2.2 | 39 |
| Sudbury (T.D.) | — | 3.9 | 3.9 | — | 3.9 | 2.3 | 38 |
| Thunder Bay | 41.2 | 36.0 | 60.3 | 66.9 | 64.2 | 53.7 | 1 |
| Timiskaming | — | — | — | — | — | — | 47 |
| Toronto (Metropolitan) | 4.8 | 7.6 | 6.8 | 6.1 | 6.0 | 6.2 | 24 |
| Victoria | 9.7 | 1.9 | 5.5 | 12.2 | 1.7 | 6.1 | 25 |
| Waterloo | 4.0 | 4.3 | 6.5 | 6.9 | 6.1 | 5.6 | 26 |
| Wellington | 2.2 | 1.4 | 3.5 | 2.7 | 6.6 | 3.3 | 34 |
| York | 0.3 | 0.6 | 1.3 | 1.4 | 2.2 | 1.2 | 42 |
| ONTARIO | 6.6 | 7.2 | 8.4 | 8.7 | 8.0 | 7.8 | |

TABLE II-15

DRUG-RELATED DEATHS, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1984 TO 1988

| County | 1984 | 1985 | 1986 | 1987 | 1988 | 5-Year | Rank |
|-----------------------------|------|------|------|------|------|--------|------|
| Algoma | 4.4 | 2.2 | 2.3 | 1.5 | 3.8 | 2.9 | 19 |
| Brant | 1.9 | 0.9 | 2.8 | 4.6 | 2.7 | 2.6 | 22 |
| Bruce | 3.2 | 6.6 | 1.7 | 3.3 | — | 3.0 | 18 |
| Cochrane | 2.1 | 7.3 | 3.2 | 2.1 | 5.3 | 4.0 | 12 |
| Dufferin | 3.1 | — | 6.1 | 2.9 | — | 2.4 | 24 |
| Dundas, Glengarry, Stormont | 3.9 | 1.9 | 2.9 | 1.9 | 3.8 | 2.9 | 19 |
| Durham (R.M.) | 2.3 | 2.5 | 1.8 | 2.1 | 3.3 | 2.4 | 24 |
| Elgin | 1.4 | 5.7 | 2.8 | 1.4 | 2.8 | 2.8 | 20 |
| Essex | 3.8 | 1.6 | 3.2 | 3.1 | 4.4 | 3.2 | 17 |
| Frontenac | 7.0 | 7.0 | 4.3 | 2.6 | 1.7 | 4.5 | 8 |
| Grey | 2.7 | 1.3 | 4.0 | 6.6 | 3.9 | 3.7 | 13 |
| Haldimand-Norfolk (R.M.) | 5.6 | 2.2 | 4.4 | 4.4 | 1.1 | 3.5 | 14 |
| Haliburton | — | — | 8.3 | — | — | 1.7 | 29 |
| Halton (R.M.) | 1.5 | 3.8 | 1.8 | 1.8 | 1.0 | 2.0 | 27 |
| Hamilton-Wentworth (R.M.) | 3.6 | 2.9 | 5.4 | 3.5 | 5.1 | 4.1 | 11 |
| Hastings | 5.5 | 1.8 | — | 3.6 | 1.8 | 2.5 | 23 |
| Huron | 3.6 | — | — | 5.3 | 1.8 | 2.1 | 26 |
| Kenora | 3.4 | 5.0 | 5.1 | 8.4 | 1.7 | 4.7 | 6 |
| Kent | 1.9 | 3.8 | 5.6 | 3.7 | 8.3 | 4.7 | 7 |
| Lambton | 2.4 | 4.8 | 3.2 | 1.6 | 3.9 | 3.2 | 17 |
| Lanark | 6.2 | 2.0 | 6.0 | 2.0 | 3.9 | 4.0 | 12 |
| Leeds and Grenville | 1.2 | 2.4 | 1.2 | 1.2 | 3.5 | 1.9 | 28 |
| Lennox and Addington | 5.9 | 2.9 | — | — | 2.8 | 2.3 | 25 |
| Manitoulin | — | 18.7 | — | 9.6 | — | 5.7 | 1 |
| Middlesex | 3.1 | 4.2 | 1.8 | 3.0 | 4.1 | 3.2 | 17 |
| Muskoka | — | 2.5 | — | 2.4 | — | 1.0 | 32 |
| Niagara (R.M.) | 4.1 | 4.3 | 5.4 | 4.0 | 3.2 | 4.2 | 10 |
| Nipissing | 5.0 | 2.5 | 8.8 | 2.5 | 2.5 | 4.3 | 9 |
| Northumberland | 1.5 | 1.5 | 4.4 | 2.9 | 4.2 | 2.9 | 19 |
| Ottawa-Carleton (R.M.) | 3.9 | 4.3 | 3.0 | 5.0 | 6.1 | 4.5 | 8 |
| Oxford | 4.7 | 3.5 | — | 2.3 | — | 2.1 | 26 |
| Parry Sound | — | — | 3.0 | 2.9 | — | 1.2 | 31 |
| Peel | 4.0 | 2.3 | 2.4 | 2.8 | 2.5 | 2.8 | 20 |
| Perth | 4.5 | — | 3.0 | 1.5 | 4.4 | 2.7 | 21 |
| Peterborough | 4.8 | — | 5.7 | 7.5 | 3.6 | 4.3 | 9 |
| Prescott and Russell | 5.4 | 1.8 | 10.4 | 1.7 | 8.2 | 5.5 | 3 |
| Prince Edward | — | — | — | — | — | — | 33 |
| Rainy River | — | — | 4.3 | 4.4 | — | 1.7 | 29 |
| Renfrew | 7.8 | 3.3 | — | 5.6 | — | 3.4 | 15 |
| Simcoe | 6.0 | 1.7 | 2.5 | 2.8 | 3.5 | 3.3 | 16 |
| Sudbury (R.M.) | 3.2 | 2.6 | 9.2 | 7.2 | 5.9 | 5.6 | 2 |
| Sudbury (T.D.) | 3.8 | 3.8 | 3.9 | 11.7 | 3.9 | 5.4 | 4 |
| Thunder Bay | 7.1 | 4.5 | 4.5 | 3.8 | 2.5 | 4.5 | 8 |
| Timiskaming | — | 2.4 | — | 5.0 | 2.5 | 2.0 | 27 |
| Toronto (Metropolitan) | 5.4 | 4.8 | 4.7 | 4.6 | 4.6 | 4.8 | 5 |
| Victoria | — | 1.9 | — | — | 5.2 | 1.5 | 30 |
| Waterloo | 5.7 | 0.9 | 2.1 | 3.0 | 1.4 | 2.6 | 22 |
| Wellington | 2.2 | 3.7 | 0.7 | 1.4 | 3.4 | 2.3 | 24 |
| York | 2.3 | 2.2 | 2.0 | 1.3 | 2.1 | 2.0 | 27 |
| ONTARIO | 4.1 | 3.4 | 3.5 | 3.6 | 3.6 | 3.6 | |

Part II _____
COUNTY DATA - Sources and Notes

Sources and Notes

CONSUMPTION OF ABSOLUTE ALCOHOL

Sources:

Rush, B.R., Estimated Levels of Alcohol Consumption in Ontario Counties and Regional Municipalities, 1988/89 (Toronto: Addiction Research Foundation, 1992).

Ministry of Health, A Framework for the Response to Alcohol and Drug Problems in Ontario (Toronto: Ministry of Health, 1988).

| VARIABLE DEFINITIONS: | |
|---|--|
| Litres(thousands) Litres Per Person Aged 15+ | total consumption of absolute alcohol in thousands of litres and per person aged 15 and over |
| Estimated Low Risk Consumers | estimated number of persons, aged 15 and over, consuming 1 to 14 drinks per week and corresponding rate per 100,000 population aged 15 and over |
| Estimated Moderate Risk Consumers | estimated number of persons, aged 15 and over, consuming 15 to 35 drinks per week and corresponding rate per 100,000 population aged 15 and over |
| Estimated High Risk Consumers | estimated number of persons, aged 15 and over, consuming over 35 drinks per week and corresponding rate per 100,000 population aged 15 and over |
| Note that all rates are based on the population aged 15 and over. | |

The definition of low, moderate and high risk consumers is in accordance with definitions established by the Ontario Ministry of Health.

Rates were calculated using the population aged 15 and over because using the total population would underestimate the true level of consumption. Similarly, while the legal drinking age in Ontario is 19, surveys indicate that person under this age do in fact use alcohol. Hence the population aged 15 and over is employed to estimate the per adult level of consumption.

In order to maintain consistency with the original source document the same county estimates of population aged 15 and over were employed (see TABLE II-1). These estimates were obtained from:

Ministry of Treasury and Economics Demographic Bulletin entitled Population Projections for regional Municipalities, Counties and Districts of Ontario to 2011. (Toronto: Ministry of Treasury and Economics, 1989).

Note that these population estimates are different than the population data included in this report.

Sources and Notes (Continued)

Explanatory Notes:

County estimates of absolute alcohol consumption are useful in that they can be used to determine the proportion of the adult population that is drinking at various levels of risk. The underlying assumption is that a higher per drinker consumption of absolute alcohol will lead to a higher proportion of heavy drinkers.

Calculation of county absolute alcohol consumption and subsequent estimates of risk categories are the result of four steps: (1) obtaining sales data of beer, wine, and spirits within each county/regional municipality; (2) converting sales data and aggregating into litres of absolute alcohol; (3) determining per adult and per drinker absolute alcohol consumption; and (4) using the per drinker rate of consumption and the Lederman formula to estimate the distribution of alcohol consumption in each county.

Sales data from the Liquor Control Board of Ontario (LCBO) was converted using product specific conversion factors supplied on the original computer tapes; beer was converted to absolute alcohol using a conversion factor of 4.825%, supplied by the Brewers Retail; and, wine sales by independent wine stores was converted using 10.7% (a figure derived from wine sold through the LCBO).

Based on surveys conducted in Ontario, it was calculated that 82.35% of the population, aged 15 and over, were current drinkers in 1988-89. (Although not presented, per drinker estimates of consumption can be calculated by dividing Litres Per Person Aged 15+ by 82.35%).

Readers should be aware of potential sources of error and bias in using sales figures to estimate alcohol consumption. For example, sales information do not include or reflect the impact of unrecorded home production of alcohol, consumption of non-beverage alcohol, consumption by non-residents and tourists, or imports for personal use.

Sources and Notes (Continued) _____

ALCOHOL- AND DRUG-RELATED LEGAL OFFENCES

Source:

Data for individual police departments in Ontario were obtained from the Canadian Centre for Justice Statistics, Statistics Canada.

| VARIABLE DEFINITIONS: | |
|---|---|
| Liquor Act | offences under the Ontario Liquor Control Act and Ontario Liquor Licence Act. |
| Impaired Operation Causing Death | Criminal Code offences involving the operation of a motor vehicle. Not included are offences involving boats, vessels and aircraft. |
| Impaired Operation Causing Bodily Harm | |
| Impaired Operation Over 80mg% | |
| Fail/Refuse to Provide Breath/Blood Sample | |
| Marijuana | Narcotic Control Act (NCA) offences. The category Other Drugs involves NCA offences involving drugs other than marijuana, cocaine or heroin. |
| Heroin | |
| Cocaine | |
| Other Drugs | |
| Controlled Drugs | Food and Drugs Act offences involving drugs specified in Part III, Schedule G |
| Restricted Drugs | Food and Drugs Act offences involving drugs specified in Part IV, Schedule H |
| Note that all corresponding rates are based on the total population | |

See also the Technical Notes for an overview of drinking and driving and drug-related offences and associated penalties.

Explanatory Notes:

Offences represent the basic element of the Uniform Crime Reporting system. When police investigate reported incidents they determine whether an actual offence has occurred and then determine the number of legal violations. If a single event involves several violations of the law then police, using a standard rule system, determine and record only the most serious offence (the exception to this rule is violent crimes where the number of offences is determined by the number of victims). This can mean that many less serious offences are actually under-counted.

Sources and Notes (Continued)

To determine the number of offences in each county annualized data for each police department in Ontario was obtained from Statistics Canada. In total there are approximately 300 police departments in Ontario representing three levels (municipal, provincial, and federal) of policing. For purposes of county estimates police departments were assigned to counties according to geographical location. While this may not pose problems with municipal police departments, where policing is confined to municipal boundaries, it may create problems for rural detachments of the Ontario Provincial Police and Royal Canadian Mounted Police where jurisdictions may in fact not be confined to the county of location.

In general caution should be used when interpreting criminal offence data. Regional differences and changes over time may reflect differences or changes in police enforcement practices.

While the data was double checked for accuracy, users should be aware that in some instances the provincial total is different from provincial data published by Statistics Canada. These differences are typically small (most are under 1%, the largest difference is 5%).

Special Note Concerning Drug Offences:

While RCMP detachments are not significantly involved in Liquor Act or alcohol-related traffic offences (100 Liquor Act offences and 157 alcohol-related traffic offences in 1989), they are involved with enforcement of Canada's drug laws. In 1989, 26% (see below) of all drug offences that occurred in Ontario were reported by RCMP detachments. Almost all drug-related offences reported by the RCMP were reported by the divisional headquarters located in Ottawa. However, most of these offences did not occur in Ottawa and a mechanism was established to distributed these offences across the province.

| | 1985 | 1986 | 1987 | 1988 | 1989 |
|-----------------------------|--------|--------|--------|--------|--------|
| Total Drug Offences | 19,803 | 19,322 | 22,854 | 22,041 | 27,259 |
| RCMP Offences | | | | | |
| Regional HQ | 5,604 | 4,827 | 6,439 | 4,586 | 6,337 |
| Other RCMP | 193 | 131 | 311 | 454 | 677 |
| Total RCMP | 5,797 | 4,958 | 6,750 | 5,040 | 7,014 |
| RCMP as a % of Total | 29% | 26% | 30% | 23% | 26% |

To calculate the county distribution of drug related offences the following process was employed:

1. County estimates were calculated based on municipal, OPP and local RCMP detachments.
2. Using the distribution of offences as calculated in step 1, the remaining RCMP reported offences were distributed proportionately across counties. Example: If 10% of heroin offences occurred in county A then ten percent of offences reported by the RCMP divisional headquarters were assigned to that county.

Sources and Notes (Continued)

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Source:

Traffic Injury Research Foundation of Canada for Drinking/Driving Countermeasures Office, Ontario Ministry of the Attorney General, Drinking & Driving In Ontario - Statistical Yearbook, 1988-1989 (Toronto: Ministry of the Attorney General, March 1991).

This source was prepared by the Traffic Injury Research Foundation of Canada for Drinking/Driving Countermeasures Office, Ontario Ministry of the Attorney General.

| VARIABLE DEFINITIONS: | |
|---|--|
| All 3 variables are counts of drivers that were involved in the accident. Included are drivers that in the opinion of the investigating officer had been drinking but did not have a blood alcohol concentration (BAC) over the legal limit and drivers that had a BAC over the legal limit or were judged by the investigating officer to have been impaired by alcohol. | |
| Resulting in Property Damage | Traffic accidents that resulted in damage to property but no reported injury to persons involved. |
| Resulting in Personal Injury | Traffic accidents that resulted in injury to one or more persons involved, but no person died of injuries sustained in the crash within thirty days. |
| Resulting in Fatalities | One or more persons involved in the accident died of the injuries sustained, within thirty days. |
| Note that all corresponding rates are based on the total population | |

Explanatory Notes:

Data are derived from Motor Vehicle Accident Reports submitted to the Ontario Ministry of Transportation by investigating police departments. It should be noted that the county reported represents where the accident occurred, the driver involved *may* reside elsewhere in the province.

In the original source document data for Metropolitan Toronto was combined with York Region and Sudbury Regional Municipality was combined with Sudbury Territorial District. For purposes of this publication data for these regions was distributed proportionately by population size of the subcomponents (ie. in 1989, 82.4% of the total population of Metropolitan and York Region resided in Metropolitan Toronto, hence, 82.4% of traffic crashes were assumed to have occurred in Metropolitan Toronto). Data as published in the original source is presented in the next table.

Sources and Notes (Continued) _____

| Original Region | Year | Property Damage | Personal Injury | Fatal |
|---|------|-----------------|-----------------|-------|
| Sudbury District and Regional Municipality | 1985 | 171 | 240 | 15 |
| | 1986 | 134 | 181 | 14 |
| | 1987 | 143 | 206 | 14 |
| | 1988 | 170 | 188 | 15 |
| | 1989 | 167 | 174 | 6 |
| Metropolitan Toronto and York Region | 1985 | 1,846 | 2,261 | 50 |
| | 1986 | 1,610 | 1,903 | 42 |
| | 1987 | 1,724 | 2,221 | 40 |
| | 1988 | 2,014 | 1,957 | 58 |
| | 1989 | 2,232 | 1,894 | 44 |

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED GENERAL HOSPITALS SEPARATIONS

Source:

Hospital Medical Records Institute, data tape of alcohol- and drug-related hospital separations.

| VARIABLE DEFINITIONS: | |
|---|--|
| Alcoholic Psychoses | International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291 |
| Alcohol Dependence Syndrome | ICD-9 diagnostic code 303 |
| Nondependent Abuse of Alcohol | ICD-9 diagnostic code 305.0 |
| Chronic Liver Disease and Cirrhosis | ICD-9 diagnostic code 571 |
| Toxic Effects of Alcohol | ICD-9 diagnostic code 980 |
| Drug Psychoses | ICD-9 diagnostic code 292 |
| Drug Dependence | ICD-9 diagnostic code 304 |
| Nondependent Abuse of Drugs | ICD-9 diagnostic code 305.1 through 305.9 |
| Poisoning by Analgesics, Antipyretics and Antirheumatics | ICD-9 diagnostic code 965 |
| Poisoning by Sedatives and Hypnotics | ICD-9 diagnostic code 967 |
| Poisoning by Psychotropic Agents | ICD-9 diagnostic code 969 |
| Note that all corresponding rates are based on the total population | |

Explanatory Notes:

A separation is defined as the discharge or death of an inpatient. These separations are organized according to the county where the patients reside and not necessarily where they were treated. Residents who were treated outside the province would not be included in the county separation data.

The data on separations are counts of cases and not patients, as an individual is counted on each occasion that he or she stays in the hospitals. Only inpatient data on cases treated in general hospitals, including those treated in psychiatric units of general and allied special hospitals, are included. Excluded are cases treated as out-patients or as patients in mental hospitals.

Primary diagnosis refers to the most significant condition treated during hospitalization and only one primary diagnosis is recorded for each separation. **Secondary diagnosis**, on the other hand, describes other important or complicating conditions that were also treated. Patients may be treated for up to fifteen secondary diagnoses, but for purposes of this monograph only the first occurrence of an alcohol or

Sources and Notes (Continued)

drug-related secondary diagnoses is recorded, and only when that diagnosis is associated with a primary diagnosis other than an alcohol or drug-related condition. For example, a patient with a primary alcohol-related disorders and a secondary alcohol-related disorder would only be counted for the primary alcohol-related disorder. Similarly, a person with a primary alcohol diagnosis and a secondary drug diagnosis would be counted as an alcohol-related separation. Separations and not frequency of diagnoses have been calculated.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

Sources and Notes (Continued) _____

ALCOHOL- AND DRUG-RELATED MENTAL HOSPITALS SEPARATIONS

Source:

Psychiatric File User Support Branch, Ontario, Ministry of Health, July, 1991

| VARIABLE DEFINITIONS: | |
|---|--|
| Alcoholic Psychoses | International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291 |
| Alcohol Dependence Syndrome | ICD-9 diagnostic code 303 |
| Nondependent Abuse of Alcohol | ICD-9 diagnostic code 305.0 |
| Drug Psychoses | ICD-9 diagnostic code 292 |
| Drug Dependence | ICD-9 diagnostic code 304 |
| Nondependent Abuse of Drugs | ICD-9 diagnostic code 305.1 through 305.9 |
| Note that all corresponding rates are based on the total population | |

Explanatory Notes:

Data on separations are counts of cases and not patients, as an individual is counted on each occasion that he or she stays in the hospital. Only inpatient data on cases treated in one of the province's 10 psychiatric hospitals are included. Excluded are individual patient data from psychiatric units of general hospitals, residential treatment facilities including, and alcohol treatment agencies. These separations are organized according to county of patient residence and not necessarily where they were treated.

Primary diagnosis refers to the most significant cause of the patient's hospitalization and only one primary diagnosis is recorded for each separation. **Secondary** diagnosis, on the other hand, describes other important or complicating conditions noted in the medical record. Patients may have up to fifteen secondary diagnoses, but only the first occurrence of a secondary alcohol- or drug-related diagnoses is recorded in these data. There may be some double counting of patients in this data.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

Users should note that the 10 psychiatric hospitals are located in the following regions: Leeds and Grenville; Hamilton-Wentworth, Frontenac, Thunder Bay, Middlesex, Nipissing, Simcoe, Metropolitan Toronto, Elgin and Durham. Generally, all of these regions except Hamilton-Wentworth, Durham and Metropolitan Toronto, have separation rates in excess of the provincial rate. These high rates are likely a result of local availability and proximity to this type of resource.

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED MORTALITY

Source:

Registrar General, Province of Ontario, Vital Statistics for 1984, 1985, 1986, 1987, 1988 (Toronto: Registrar General, Province of Ontario, undated).

| VARIABLE DEFINITIONS: | |
|--|--|
| Alcoholic Psychoses | International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291 |
| Alcohol Dependence Syndrome | ICD-9 diagnostic code 303 |
| Chronic Liver Disease and Cirrhosis | ICD-9 diagnostic code 571 |
| Accidental Poisoning by Drugs, Medicaments and Biologicals | ICD-9 diagnostic codes E850 to E858 |
| Suicide by Drugs, Medicaments and Biologicals | ICD-9 diagnostic codes E950.0 to E950.5 |
| Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted | ICD-9 diagnostic codes E980.0 to E980.5 |
| Note that all corresponding rates are based on the total population | |

Explanatory Notes:

Includes only those deaths, according to place of residence of the deceased, where the above diagnoses were noted as the primary cause of death. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

More detailed mortality data for the province, including estimated deaths indirectly due to alcohol, can be found in Part I, Tables I-35 through I-38.

Sources and Notes (Continued)

POPULATION DATA

Source:

Population Estimates Section, Demography Division, Statistics Canada Estimates of Population by 5-year Age Groups and Sex: Census Divisions in Ontario, June 1, 19xx, unpublished data obtained from Statistics Canada.

All of the population estimates are measured in **thousands**. Data for the years 1983 to 1986 are final intercensal population estimates for each census division. Final intercensal estimates are derived using the results of two census years (ie. 1981 and 1986) and are not subject to additional revision.

Population estimates for 1987 to 1989 are postcensal estimates. These estimates are calculated using the results of the 1986 census in conjunction with annual information on births, mortality and migration. Users should note that data for these years will be revised when 1991 Census results are available (ie. when final intercensal estimates are calculated).

Detailed population data has been included to allow calculation of alternative rates (ie. rates per 1,000 population or rates per 100,000 population aged 15 etc.).

Example:

Consider Algoma county and offences for impaired operation of a motor vehicle (ie. over 80mg%)

in 1989 813 offences
136.2 (thousands) total population

Using this data the rate per 100,000 total population is calculated in the following manner:

$$\begin{aligned} \text{Rate}/100,000 &= \frac{\text{Number of occurrences}}{\text{Population}} \times 100 \\ &= \frac{813}{132.6} \times 100 \\ &= 613.1 \end{aligned}$$

Note that the result was multiplied by 100 and not 100,000 because the population data is measured in thousands.

Sources and Notes (Continued)

However, the vast majority of drinking and driving offences involve persons aged 16 and over (legal driving age). As a result a more appropriate rate would be the number of offences per 100,000 population aged 16 and over. In the absence of detailed age data for the each county, the rate per 100,000 population aged 15 and over will be calculated:

1989 population 15 and over 102.2 (thousands)

$$\text{Rate/100,000 15+} = \frac{\text{Number of occurrences}}{\text{Population Aged 15+}} \times 100$$

$$= \frac{813}{102.2} \times 100$$

$$= 795.5$$

Part III ---

TECHNICAL NOTES

ALCOHOL-RELATED LEGAL OFFENCES

in Canada, drinking and driving is a criminal offence and is defined under the Criminal Code. Offences and maximum penalties are outlined in the following table. In addition to the penalties defined in this table, each of the provinces also have their own legislations regarding traffic offences. For instance, in Ontario, in addition to the federal penalty, the province also enforces license suspension penalties.

| CRIMINAL CODE - DRINKING AND DRIVING OFFENCES AND PENALTIES | |
|---|---|
| Offence | Federal Penalties |
| Impaired Driving: Driving with blood alcohol over 80 mg % Failing to provide a breath or bloods sample without a reasonable excuse | Minimum penalty:* First Offence: \$300 fine and three months driving prohibition Second Offence: 14 days imprisonment and six months driving prohibition Subsequent Offence: 90 days imprisonment and one year's driving prohibition Maximum penalty for first, second, or subsequent offences: Summary Conviction: \$2,000 fine, six months imprisonment and three years driving prohibition Indictment:* five years imprisonment and three years driving prohibition |
| Impaired driving causing death | Maximum Penalty:* 14 years Imprisonment and 10 years driving prohibition |
| Impaired driving causing bodily harm | Maximum Penalty:* 10 years Imprisonment and 10 years driving prohibition |
| * In addition to these penalties the court may impose a fine of any amount. | |

Adapted from Ontario Ministry of Attorney General, Drinking and Driving - You Can Lose a Lot More than Your Licence Drinking and Driving (Toronto: Ministry of the Attorney General, undated).

Technical Notes (Continued)

DRUG-RELATED LEGAL OFFENCES

Drug-related offences fall under either the Narcotic Control Act or the Food and Drugs Act. The next two tables provide a summary of the drugs each act covers, as well as, the defined offences and corresponding maximum penalties.

| NARCOTIC CONTROL ACT | |
|---|--|
| Over 100 substances are mentioned in the Narcotic Control Act including: cannabis, cocaine, heroin, anileridine, codeine, hydrocodone, hydromorphone, methadone, morphine, oxycodone, pentazocine, pethidine and phencyclidine | |
| Offence | Maximum Penalty |
| Possession | Summary conviction - first offence: 6 months and \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years |
| Trafficking | Indictment - life |
| Possession for the purpose of trafficking | Indictment - life |
| Cultivation | Indictment - 7 years |
| Importing or exporting | Indictment - life |
| Prescription shopping (multiple doctoring) | Summary conviction - first offence: 6 months & \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years |

Source: Adapted from Robert Solomon and Sydney J. Usprich, An Introduction to Canadian Drug and Alcohol Law for Educators (Toronto: Addiction Research Foundation, 1990)

Technical Notes (Continued)

FOOD AND DRUG ACT - CONTROLLED DRUGS (PART III, SCHEDULE G)

Schedule G contains about 15 drugs that generally have *both* medical and non-medical uses including:

amphetamines, barbiturates, diethylpropion, methamphetamine, methylphenidate, phentermine

| Offence | Maximum Penalty |
|--|--|
| Trafficking | Summary conviction - 18 months Indictment - 10 years |
| Possession for the purpose of trafficking | Summary conviction - 18 months Indictment - 10 years |
| Prescription shopping (multiple doctoring) | Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year or \$2,000 fine Indictment - 3 years or \$5,000 fine |

FOOD AND DRUGS ACT - RESTRICTED DRUGS (PART IV, SCHEDULE H)

Schedule H contains about 25 drugs that generally have *no* medical uses including:
LSD, M.D.A, and psilocybin

| Offence | Maximum Penalty |
|---|--|
| Possession | Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 3 years and \$5,000 fine |
| Trafficking | Summary conviction - 18 months Indictment - 10 years |
| Possession for the purpose of trafficking | Summary conviction - 18 months Indictment - 10 years |

Source: Adapted from Robert Solomon and Sydney J. Usprich, An Introduction to Canadian Drug and Alcohol Law for Educators (Toronto: Addiction Research Foundation, 1990).

Technical Notes (Continued)

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979.

| ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES | |
|--|--|
| Description | ICD-9 Components |
| Alcoholic Psychoses | 291.0 Delirium tremens 291.1 Korsakov's psychosis, alcoholic - Alcoholic polyneuritic psychosis 291.2 Other alcoholic dementia 291.3 Other alcoholic hallucinosis 291.4 Pathological drunkenness 291.5 Alcoholic jealousy - Alcoholic paranoia 291.8 Other - Alcohol withdrawal syndrome 291.9 Unspecified - Alcoholic: mania, psychosis; Alcoholism (Chronic) with psychosis |
| Drug Psychoses | 292.0 Drug withdrawal syndrome 292.1 Paranoid and/or hallucinatory states induced by drugs 292.2 Pathological drug intoxication 292.8 Other 292.9 Unspecified |
| Alcohol Dependence Syndrome | 303 Acute drunkenness in alcoholism; Chronic alcoholism; Dipsomania |
| Drug Dependence | 304.0 Morphine type 304.1 Barbiturate type 304.2 Cocaine 304.3 Cannabis 304.4 Amphetamine type and other psychostimulants 304.5 Hallucinogens 304.6 Other - Absinthe addiction; Glue sniffing 304.7 Combinations of morphine type drug with any other 304.8 Combinations excluding morphine type drug 304.9 Unspecified - Drug addiction; Drug dependence |
| Nondependent Abuse of Alcohol | 305.0 Alcohol - Drunkenness; Excessive drinking of alcohol; "Hangover", Inebriety |
| Nondependent Abuse of Drugs | 305.1 Tobacco - Tobacco dependence 305.2 Cannabis 305.3 Hallucinogens - LSD reaction 305.4 Barbiturates and tranquillizers 305.5 Morphine type 305.6 Cocaine type 305.7 Amphetamine type 305.8 Antidepressants 305.9 Other, mixed or unspecified |

Technical Notes (Continued)

| ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES (Continued) | |
|--|---|
| Description | ICD-9 Components |
| Chronic Liver Disease and Cirrhosis | 571.0 Alcoholic fatty liver 571.1 Acute alcoholic hepatitis 571.2 Alcoholic cirrhosis of liver - Laennec's cirrhosis 571.3 Alcoholic liver damage, unspecified 571.4 Chronic hepatitis 571.5 Cirrhosis of liver without mention of alcohol 571.6 Biliary cirrhosis 571.8 Other chronic nonalcoholic liver disease 571.9 Unspecified chronic liver disease without mention of alcohol. |
| Toxic Effects of Alcohol | 980.0 Ethyl alcohol 980.1 Methyl alcohol 980.2 Isopropyl alcohol 980.3 Fusel oil - Alcohol: amyl, butyl, propyl 980.8 Other 980.9 Unspecified |
| Poisoning by Analgesics, Antipyretics, and Antirheumatics | 965.0 Opiates and related narcotics 965.1 Salicylates 965.2 Aromatic analgesics, not elsewhere classified 965.3 Pyrazole derivatives 965.4 Antirheumatics (antiphlogistics) 965.5 Other non-narcotic analgesics 965.8 Other 965.9 Unspecified |
| Poisoning by Sedatives and Hypnotics | 967.0 Barbiturates 967.1 Chloral hydrate group 967.4 Methaqualone compounds 967.2 Paraldehyde 967.3 Bromide compounds 967.5 Glutethimide group 967.6 Mixed sedatives, not elsewhere classified 967.8 Other 967.9 Unspecified |
| Poisoning by Psychotropic Agents | 969.0 Antidepressants 969.1 Phenothiazine-based tranquilizers 969.4 Benzodiazepine-based tranquilizers 969.2 Butyrophenone-based tranquilizers 969.3 Other antipsychotics, neuroleptics and major tranquilizers 969.5 Other tranquilizers 969.6 Psychodysleptics (hallucinogens) 969.7 Psychostimulants 969.8 Other psychotropic agents 969.9 Unspecified |

Technical Notes (Continued)

| ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES (Concluded) | |
|--|---|
| Description | ICD-9 Components |
| Accidental Poisoning by Drugs, Medicaments and Biologicals | E850 Analgesics, Antipyretics, and Antirheumatics E851 Barbiturates E852 Other Sedatives and Hypnotics E853 Tranquillizers E854 Other Psychotropic Agents E855 Other Drugs acting on the Central Nervous System and autonomic nervous system E856 Antibiotics E857 Anti-infectives E858 Other drugs |
| Suicide by Drugs, Medicaments and Biologicals | E950.0 Analgesics, antipyretics and antirheumatics E950.1 Barbiturates E950.2 Other sedatives and hypnotics E950.3 Tranquillizers and other psychotropic agents E950.4 Other specified drugs and medicaments E950.5 Unspecified drug or medicament |
| Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted | E980.0 Analgesics, antipyretics and antirheumatics E980.1 Barbiturates E980.2 Other sedatives and hypnotics E980.3 Tranquillizers and other psychotropic agents E980.4 Other specified drugs and medicaments E980.5 Unspecified drug or medicament |

RATES AND THEIR CALCULATION

In addition to the "raw" data or occurrences of events, corresponding rates per 100,000 population have also been calculated in this report. Rates provide a crude method for comparing the occurrence of specified events between different regions or age groups. For example, how does 10 occurrences of a event in Lanark county compare with the occurrence of 100 similar events in Metropolitan Toronto. On one level 10 times more events occurred in Toronto, however the population of Toronto is 40 times greater than Lanark county. Calculating the rate of this event would indicate that the rate of occurrence in Lanark county is about 4 times the rate of occurrence in Metropolitan Toronto.

Another issue that has to be considered is the approximate group experiencing a given event. Due to space limitations and to minimize confusion all rates in this report (with the exception of alcohol consumption) were calculated using the total population. Rates could have been calculated using the population aged 15 and over for example. Use of age specific groups to determine rates is an attempt to determine the extent of a problem within the group that is primarily at risk. Rates involving drinking and driving offences are often calculated using the population aged 16 and over. Although some offences will involve persons under the age of 16, by far the largest proportion involve persons aged 16 and over. As a result calculation of rates using the population aged sixteen and over provides a better indication of the occurrence of an event in the population that is primarily at risk.

Similarly, to obtain a better indication of per capita consumption of absolute alcohol consumption, the population aged 15 and over is used. In this case, although the legal drinking age is 19, surveys indicate that younger persons do consume alcohol. By using the population aged 15 and over it is hoped that the resulting per person estimate of absolute alcohol consumption will provide a closer approximation of the true alcohol consumption level.

All of the rates presented in this report are crude rates. No standardization has been attempted to remove the effects of differences in age structure between regions or changes that have evolved over time. In general all calculated rates are per 100,000 population.

$$\text{Crude rate} = \frac{\text{Number of events in region i at a given time}}{\text{Specified population of region i at that time}} \times 100,000$$

Example rate calculations have been presented in the **Sources and Notes** section dealing with population data.

Ontario Profile - Alcohol and Other Drugs, 1992

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